

Dr. Ahmad Jamal, PhD, MCA, B.Sc., DOEACC A-Level (Business Professional Programmer)

Software Engineer

8+ Years' Industrial & 1.5+ Years' Academic Experience

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Rich experience of software development, ERP Development, Linux Administration, Server Management, application deployment on cloud based server and mentored CS students on various projects, technicalities and subjects.

I am a Solutions-driven programmer and mentor with track record of commended performance in modular and object-oriented programming. Well-versed in all phases of the software development lifecycle, with a strong working knowledge of algorithms, data structures and server.

- Skilled experience in PHP with proven expertise in using new tools and technical developments (fpdf, SMTP Mailer) to drive improvements throughout entire software development lifecycle.
- Good experience in developing web applications implementing Model View Template architecture using PHP and Larvael.
- Experienced in working with various PHP Integrated Development Environments like NetBeans, PhpStrom, Geany and Sublime Text.
- Strong expertise in development of web based applications using PHP, HTML, XML, CSS, DHTML, JavaScript, JSON and JQuery.
- Expert with JQuery, Ajax, HTML/CSS, Bootstrap, Responsive Design for front-end framework.
- Worked on JQuery and Strong Expertise in MySQL, MySQLi.
- Expert at parsing, scripting, logging and migrating data.
- Experience with deploying application on VPS.
- Hands on experience deploying projects in production and staging environment.
- Strong in writing SQL queries.
- Fluent with Linux and GIT.
- Experience maintaining and debugging live software systems.
- Documentation of Architecture, Design and Operational procedures.
- Good knowledge in working with application server- Apache.
- Hands on experience in installation, administration and configuration of go auto dial (Call centre Solution).
- Experience in working with different operating system Linux and Windows 98/NT/2000/XP/Vista/7/8.
- Good knowledge and understanding of Data Structure and Design, Analysis of Algorithm.
- Payment Gateway / SMS Gateway Integration with web application.
- Hands on experience of deployment of Linux server.

Education:

2015-2020	Ph.D. (Computer Science)
2011-2014	Master of Computer Application (MCA)
2009-2011	Bachelor of Science (B.Sc.)

Certification: Ministry of Electronics & Information Technology - Government of India

2010-2011	DOEACC A Level (Advanced Business Professional Programmer) – NIELIT
2009-2010	DOEACC O Level (Business Professional Programmer) - NIELIT

Technology Summary:

- Operating Systems : Linux and Windows
- Packages/Tools : MySQL Workbench, PhpStorm, PyCharm, Geany
- Technologies : PHP, Laravel, HTML, CSS, XML, AJAX, jQuery, Bootstrap, GIT
- RDBMS : MySQL, MySQLi, PostgreSQL
- CMS : Joomla, Wordpress

Work Experience:

</> IT Manager / Head, Glocal University

December 2021 – Till Today

Responsibilities:

- ERP Development
- Planning and executing IT strategy
- Protecting sensitive information and system-crucial data
- Working with other professionals to implement technical upgrades and mitigate potential risks
- Monitor the cost, calculate the number of resources for the project and deploy it
- Design schedule for the project, and set time line for each member of the team and delegate specific task to each members of the project
- Frequent reporting about the project to the management on exactly about the progress of the project
- Research, design and write new Modules/applications for the ERP
- Deployment and Maintenance of Dedicated Server

Technology Using: PHP, HTML, JSON, Bootstrap, JQuery, CSS, React, Java Script, MySQL, MySQLi, GIT, Linux and Apache

</> Software Engineer, Glocal University

September 2014 – November 2021

Responsibilities:

- To Development an MIS/ERP System for the University
- Monitor the cost, calculate the number of resources for the project and deploy it
- To Design schedule for the project, and set time line for each member of the team and delegate specific task to each members of the project
- To Predict risk factors and eliminate it for the successful completion of the project
- Frequent reporting about the project to the management on exactly about the progress of project
- To Analyse requirements for new modules for ERP
- Test new programs and fault finding
- Deployment of ERP Server (Linux Server)
- To Maintain ERP by monitoring and correcting software defects
- To Investigation of new technologies
- To Create technical specifications and test plans
- To Develop existing programs by analysing and identifying areas for modification
- Development/ update/ maintenance of Dynamic websites
- Development and Deployment of CMS (Joomla) based Website
- Creation of technical specifications and test plans

Technology Used: PHP, HTML, JSON, Bootstrap, JQuery, CSS, react, Java Script, MySQL, MySQLi, GIT, Linux and Apache

</> Senior Software Consultant, Artisan soft (Freelance)

April 2020 –June 2020

Responsibilities:

- Development of new component for e-commerce web application
- Payment Gateway(Stripe) Integration in e-commerce web application
- Code quality checking on GITLAB
- Testing of the Component

Technologies Used: Laravel, PHP, HTML, Bootstrap, JQuery, CSS, MySQLi, Linux and Apache

</> Software Engineer, Grand Peek

January 2014 – August 2014

Responsibilities:

- Development Dynamic Panels of web application
- Develop or implement procedures for ongoing web application
- Develop databases that support web application
- Evaluate or recommend server hardware or software
- Register / Renew domain name
- Deployment of Cloud Based Virtual Private Server for web application
- Payment Gateway Integration in web application

Technologies Used: PHP, HTML, Joomla, Bootstrap, JQuery, CSS, MySQL, Linux and Apache


</> Intern (Part Time), Krunk System PVT LTD

March 2013 – August 2013

Responsibilities:

- Implementing Knowledge into Practice
- Documentation and testing new software applications
- Assessment of new application ideas
- Research competitor offerings
- Develop applications (coding, programming)
- Testing applications (Bug, Error)
- Work constructively and effectively to assist the application process
- Research about new Technologies
- Maintenance of websites.
- Participation in supervision and training with an openness to learning and receiving feedback.

Technologies Used: Python, Django, HTML, JSON, Bootstrap, jQuery, CSS, PostgreSQL, GIT, Linux and Apache.

 Software Faculty, IICI (NIELIT formally DOEACC)

Nov 2009 – April 2011

Responsibilities:

- Mentored CS students on various projects and technicalities
- Facilitate discussions
- Develop plan for systematic assessment of outcomes
- Participate in subject workshops, teaching workshops and conduct of short term programmes wherever appropriate.

Technologies Used: C, C++, Java, Data Structure, HTML, Java Script

Recent Projects:

- www.granddiamonds.com – E-Commerce Website
- www.ims.glocaluniversity.edu.in E-HE (Electronic Higher Education) – An ERP System
- www.snowpodindia.com – Hotel Industry Website
- www.glocaluniversity.edu.in – Custom CMS based Website with so many dynamic Modules
- www.timesworldschool.com – Custom CMS based Website
- **School Management System** –
Many more...

Research Publications

- Performance optimization of higher education system by using the secure and reliable ERP System International Journal of Innovative Technology and Exploring Engineering (IJITEE). ISSN: 2278-3075, Jan 2020, [INDEXING: ELSEVIER SCOPUS, GOOGLE SCHOLAR]
- Cost Efficient Media Cloud Storage and Systematic Risks Involved in the Cloud Computing International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-9, July 2019, [INDEXING : ELSEVIER SCOPUS, GOOGLE SCHOLAR]
- ERP System in Higher Education: Prospects and Challenges International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-04, Issue-05, Aug 2018, [INDEXING : UGC PEER REVIEW, GOOGLE SCHOLAR]

International Conferences

- National Conference on Recent Trends in Computational Intelligence and Communication Technology - Organized by Department of Computer Science & Engineering, Computer Applications, Electronics & Communication Engineering (DBIT) Dehradun, Uttarakhand
- International e-Conference on Challenges in Electrical & Electronics Engineering – organized by Laxmi Devi Institute of Engineering and Technology, Chikani, Rajasthan

Achievements

- Appreciation Award for the extraordinary service and dedication to the profession (Glocal University).
- Highest Placement ranker at the time of passing master degree.
- Got top position in Masters in computer application.
- Got 1st prize in 'C language- Hunter' competition, organized by DBGI.
- Got Best Student award at the time of certification.
- Got Best presentation award on "Solar System" at national level.
- Got 2nd prize in "State Science Fair 2007".

Other Experiences

- Part of the NAAC Internal Committee
- Office automation 3 months training.
- Multimedia tools and utilities through ICT training.
- ESDP on computer accounting training by NIESBUD.
- Hands-on experiences in digital marketing.

Personal Details:

Father's Name : Mohd. Shahid Anwar
Date of Birth : 7th Nov 1991
Nationality : Indian
Marital Status : Married
Languages Known : English, Hindi and Urdu.
Address : Dakpathar, Dehradun – Uttarakhand
Contact Numbers : +91-7253810400, +91-9760954125

Reference:

Will be provided upon request