

PAVANI BOOSA

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Summary

Software Engineer and a competitive coder with a can-do attitude, phenomenal time management skills, and a strong user focus. Have considerable experience in object-oriented approaches, data base and desktop and web development. Creative Web Developer dedicated to building and optimizing the performance of dynamic user-centric, client side, high-impact websites. Have a significant background in the software development life cycle including requirements engineering, design, coding, integration, deployment, and maintenance.

Technical Skills

• Programming Languages:	C#, Python, Java, C, C++,
• Web Technologies:	Angular 9, Typescript, JavaScript, HTML5, CSS3, jQuery, JSON.
• DataBases:	Mongo DB, Microsoft SQL Server, My SQL, Oracle, PL/SQL, Query DSL.
• Frameworks:	Flask, .Net, Django, Spring Boot.
• IDEs:	Visual Studio Code Android Studio, Net Beans, Eclipse, Visual Studio.
• MS Technologies:	SSRS, SSIS and SQL Server Data Tools.
• Containerization's:	Docker.
• SourceControl:	Git, SVN.
• Servers:	Apache Tomcat, jetty.
• Others:	AWS, MATLAB, Kibana.

Professional Summary

London Computer Systems – Software Developer

April. 2020 - present

- Work on web application and building its front end (Angular8 -Typescript, CSS, bootstrap, JavaScript).
- Developing and providing technical Support on web applications and ensure that the system is functioning according to the specifications.
- Building REST and CURD API for the web applications in C#.
- Good Experience with Visual Studio Code and Visual Studio Editors.
- Actively working on the project of migrating from C# legacy application to web application.
- Actively working with Jira tickets to solve the bugs, stories, epics related to the web application built in Angular 8.
- Experience with the API-generators used for the web applications.
- Mentor new hire developers.
- Peer-review code developed and Jira tickets of other developers in the team.
- Performed Full stack web development for end-to-end web development and client projects.

Bottom Line Systems – Software Developer

Aug. 2019 – Feb 2020

- Developing and providing technical Support on web applications and ensure that the system is functioning according to the specifications.
- Support experience on the web applications including both front end (HTML, Angular7, JavaScript, CSS, bootstrap) and backend(c#, .Net, loopback).
- Building REST and CURD API for the web applications in Loopback.
- Providing support for development of automated server builds including reviewing, writing and testing scripts.
- Writing optimized queries and stored procedures for Elastic Search using Kibana.
- Responds to customer concerns with the system software and the applications.
- Creating the web applications on the Hyperledger fabric (blockchain framework) to increase the performance and make it a reliable Blockchain based web application.
- Created and developed applications in visual studio code using Angukar7 and MS SQL server.
- Assisted the data science developers to write the queries and get the results from huge records.
- Mentor other developers, including peer reviewing of code and come with the solutions faces during the web application developments.
- Involved in Requirements gathering, Analysis and Project Planning Phases.

Value Minds - Software Developer Intern

May 2018 - Aug. 2018

- Assisted in software architecture development, prototype, debugging and testing.
- Hands on coding in Java, Python, JavaScript.
- Scripting and coding of test cases.
- Wrote optimized queries and stored procedures.
- Installed and configured the necessary components so as to ensure that the database is accessible.

- Designed and implemented the next generation architecture of VMware's Virtualization products including cloud computing and data center automation.
- Tested and coded in python and used many frameworks for web development (Django, Flask).
- Performed web-based software development and software design.
- Hosted applications designed in HTML, JS, Python, SQL to cloud using the AWS ec2 instance.
- Full participation in Agile Software Development, prototype, debugging and testing.

Certifications

• AWS Certified Developer	ID - AWS00984760	Score: 932
• MCSA- Programming in HTML5 with CSS and JS	ID - MS0618603203	Score: 736
• Udemy Python course completion Certificate.	ID - UC-FFLGZEFE	Score: N/A

Educational Background

Master of Science in Computer Science:	University of Cincinnati	GPA: 3.91
Bachelor of Technology:	Anurag Group Of institutions, Hyderabad	GPA: 3.85

Graduate Experience

Graduate Assistant at the University of Cincinnati – Student Work Opportunity Program

- Demonstrated field work techniques and assisted professor with algorithms and data structures.
- Evaluated homework, tests, and field work and held office hours to ensure students understood algorithms and data structures concepts.
- Created a website for uploading grades of the students of that course and to discuss regarding assignments.
- Conducted classes in the absence of the professor and teach concepts of data structures.

Academic Projects

Hospital Claim Recovery Web Application (Angular7, HTML, CSS, Bootstrap, MS Sql Server)

- Created web application with Angular7 to take the details from the user and give the claims by fetching them from the database.
- Used the concept of elastic search and Kibana to fetch only the required claim.
- Deployed the web application on the Hyperledger fabric to make it a blockchain supporting web application.
- Created API for the web application to perform the REST Operations.
- Wrote the queries in Query DSL from the SQL query to use it in the Kibana for elastic search.

Hosting a dynamic website using cloud virtualization (PHP, HTML5, Python, Django)

- Created an EC2 instance and configured Flask web server.
- Designed a website named carpool for people to book their rides by sharing their ride.
- Provided links and buttons to display, book a ride, schedule a ride, to drive or to ride.

Project Sunshine (Python, Flask, Ajax, Docker)

- Developed and deployed a web application written in Python using Flask framework and Restful web services.
- Plotted weather forecast on chart from API and third-party website.
- Deployed the application on Docker.

Project Car Rental System (Microsoft SQL Server)

- Designed a car rental system in which Customer can rent a car based on make and a model.
- System allows customer to have different pick-up and drop off locations and will impose late fee if the rental car is returned beyond the return date and time.
- Wrote SQL and PL/SQL queries to make the system work.

Designing various classifiers for data analysis (MATLAB)

- Designed decision trees, K-means classifier, linear and non-linear SVM classifiers for huge dataset analysis.

Participation and Achievements

- Worked as Data analyst and maintained the database of Tim Hortons while doing part-time during master's at University of Cincinnati.
- Coordinator for MIC (Microsoft Innovation Centre) App Club, at Anurag (CVSR), Hyderabad
- Assisted the head of the department with project work.
- Organized and Coordinated Aagama-2k17, Anurag (CVSR), Hyderabad.

LinkedIn, Git, LeetCode, Certification Links

- LinkedIn: <https://www.linkedin.com/in/pavani-boosa/>
- GitHub: <https://github.com/pavniboosa>
- Leetcode: <https://leetcode.com/boosa1579pavani/>
- AWS certification: <https://www.linkedin.com/in/pavani-boosa/>
- MCSA certifications: <https://www.linkedin.com/in/pavani-boosa/>