Jwalitha Kongara

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PROFESSIONAL SUMMARY

Versatile Software Engineer with experience in full-stack development, data management, and cloud technologies. Proven ability to collaborate effectively within cross-functional teams, meet deadlines and deliver impactful solutions.

EDUCATION

Master of Science in *Computer Science* — *Jan 2023 - Dec 2024*
California State University- Long Beach — *GPA: 3.8/4.0*

TECHNICAL SKILLS

Programming: Python, C, C++, Java
Web Development: ReactJS, JavaScript, TypeScript, NodeJS, ExpressJS, ES6, HTML, CSS, PHP, .Net, C#, GraphQL, REST API
Databases: SQL, MySQL, MS SQL Server, MS Access, NoSQL, MongoDB, PostgreSQL, Druid, Snowflake
Cloud and DevOps: AWS (EC2, Lambda, S3), Docker, Kubernetes, Git, Bitbucket, Jenkins, CI/CD
Technologies/ Tools: Agile, Scrum, SDLC, Jira, UI/UX, ETL, Postman, Test Driven Development, Unit testing, Jest, JMeter, Checkmarx, Linux, OpenCV, AI/ML, CNN, EHR systems, Microsoft SSRS, Power BI, Network protocols

WORK EXPERIENCE

Data Management Assistant
California State University-Long beach — *Feb 2023 - Present*
- Managed Career Center database, using SQL queries to maintain records, ensuring 99% data accuracy and integrity.
- Developed web applications and scripts that automated data entry, and validation resulting in a 40% increase in productivity.
- Leveraged data analysis tools- Power BI, SQL, MS Access to extract insights, improving decision-making efficiency by 30%.

Software Intern
Radiance Engineering — *Jun 2024 - Aug 2024*
- Engineered React web app to streamline employee schedules and equipment tracking, improving resource allocation by 15%.
- Developed and deployed a Power BI dashboard, monitoring container manufacturing and repair KPIs, boosting 10% efficiency
- Enhanced application by integrating new UI components, improving user experience and interface responsiveness by 30%.

Software Engineer
Athenahealth — *Jun 2021 - Nov 2022*
- Developed and Enhanced athenahealth's Data Visualization platform using ReactJS, NodeJS, ExpressJS, GraphQL, PostgreSQL supporting 15+ dashboards, delivering critical performance insights on revenue and patient flow to 8K healthcare practices.
- Built a one-click data migration pipeline across environments, reducing developer effort by 60%. Utilized React.js and PostgreSQL, and contributed to all SDLC phases, including Data Modeling, System Analysis, Design, Planning, and Testing.
- Successfully integrated automated testing into CI/CD pipelines, streamlining the software development and testing process.
- Coordinated with Product Owners to develop interfaces and integrate back-end systems, increasing user engagement by 15%

Software Engineer Intern
Athenahealth — *Jan 2021 - Jun 2021*
- Created Data Lens, Data Views, ETL for client dashboards gathering data from Snowflake data warehouse and Druid.
- Handled application downtime by implementing a Maintenance page, PostgreSQL CRUD operations, and email notifications.
- Conducted performance and automation tests for 4 releases using Jmeter, Elasticsearch. Documented and presented insights.

PEP Student Intern
Epam Systems — *Jan 2020 - Jun 2020*
- Enhanced internal web application using Java, Maven, and front-end technologies; improved user interface and experience.
- Collaborated with the team and contributed to data ingestion from one Database to another using Python scripts.

PROJECTS

- **Drowsiness detection of driver**, *GitHub* A computer vision system that can detect driver's drowsiness in a real-time video stream and play an alarm if the driver appears to be drowsy utilizing Python, OpenCV, NumPy, and Facial landmark detection.
- **University Website**, Redesigned university website utilizing react.js. Improvised it to have interactive UI and added features which enables the students to get information about exams, results, scholarships, transportation.

LEADERSHIP & VOLUNTEER

- Co-founded CBB, coding club of BVRIT, assisted 200+ students by conducting workshops on Data structures, programming
- PJS Paul Foundation Volunteer, empowered orphanage children through math tutoring, fostering academic growth