PHANENDHAR REDDY KUSUMA Full Stack Java Developer

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SUMMARY

Full Stack Developer with 2+ years of experience building scalable applications using Java, React.js, Spring Boot, and AWS. Proven expertise in designing RESTful APIs, optimizing user interfaces, and leading Agile teams to deliver projects 20% faster.

EDUCATION

Master of Science in Information System Technologies — August 2023 – May 2025
Wilmington University, New Castle, DE — GPA: 3.83

Bachelor of Technology in Computer Science and Engineering — July 2018 – August 2022
Jawaharlal Nehru Technological University Hyderabad, Telangana, India — CGPA: 6.28

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python
- **Web Technologies & Frameworks:** HTML, CSS, JavaScript, React.js, Node.js, PHP, Spring Boot
- **Databases:** MySQL, PostgreSQL
- **Cloud Platforms:** AWS
- **Operating Systems & Version Control:** Linux, Windows, Git, GitHub
- **IDEs/Tools Build Tools:** Eclipse, VS Code, Spyder, Maven

WORK EXPERIENCE

Ellipse Technologies Private Limited — February 2022 – July 2023
Full Stack Java Developer

- Engineered full-stack web applications using Java, React, and Node.js, improving platform performance and user experience.
- Designed and deployed scalable RESTful APIs and microservices with Spring Boot and MongoDB, enhancing system scalability by 40%.
- Increased front-end interfaces with HTML, CSS, JavaScript, and Bootstrap, boosting cross-device usability and increasing user engagement.
- Integrated testing frameworks such as JUnit and Selenium, reducing production defects and improving code reliability.
- Led Agile team collaboration with Git, Jira, and Jenkins, streamlining continuous integration/deployment pipelines and accelerating release cycles by 20%.

Ellipse Technologies Private Limited — August 2021 – January 2022
Software Developer Intern

- Contributed to the development of front-end components using HTML, CSS, and JavaScript, improving user interface consistency and accessibility.
- Assisted in building and optimizing RESTful APIs using Spring Boot, streamlining backend operations and enhancing data processing efficiency.
- Participated in Agile development processes, including sprint planning and code reviews, fostering team collaboration and ensuring timely project delivery.

PROJECTS

Extension of Lexicon Algorithm for Sarcasm Detection — February 2022 – May 2022

- Enhanced lexicon-based algorithm to improve sarcasm detection accuracy on a benchmark Twitter dataset, achieving increase in precision compared to previous models.
- Implemented Python-based sarcasm detection pipeline, processing tweets for model training and performance evaluation, improving recall by 15%.
- Conducted rigorous performance analysis, identifying key factors influencing detection, and optimized the model, resulting reduction in false positives.
- Refined sarcasm detection algorithm based on insights from large-scale evaluations, improving overall model accuracy by 18% in sarcasm identification.

E-Commerce Platform Development — October 2021 – December 2021

- Developed a scalable e-commerce platform using Spring Boot (backend) and React.js (frontend) with multi-vendor support, responsive UI, and secure payment integration via Stripe API.
- Designed RESTful APIs for product management, order processing, and authentication using JWT, reducing backend latency by 30%.
- Improved performance with AWS EC2 deployment, load balancing, and Redis caching while ensuring reliable code quality
- through automated testing pipelines using JUnit and Selenium.
- Built a cross-device compatible interface with React.js, HTML, CSS, and Bootstrap to enhance user experience.

CERTIFICATIONS & ACHIEVEMENTS

- Completed Blockchain Specialization Course – University of Buffalo and the State University of New York.
- Mastered Java Build Automation with Maven – LinkedIn Learning.
- Acquired knowledge in Introduction to Software Engineering – IBM.
- Completed Blockchain Specialization Course – Coursera.
- Gained expertise in Introduction to Data Warehousing – Udemy.
- Joined in Software Engineering Virtual Experience, JPMorgan – Forage.com.
- Completed Advanced Software Engineering Virtual Experience, Walmart – Forage.com.
- Secured Top 10 position and won Best Themed Hack [MLH] and Best .Tech Domain Name awards for the QuickHealth AI project at HackNJIT 2024 by developing an innovative AI-driven healthcare solution.