

CHEKURI SANTHOSH

Developer-II Software Engineer

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EDUCATION

National Institute of Technology Calicut (NIT Calicut)

B.Tech. Electronics and Communication Engineering (CGPA: 8.77)

Kozhikode, Kerala

Nov 2020 - May 2024

Sasi New Gen Junior College

Intermediate, MPC (Percentage: 98.4)

Velivennu, Andhra Pradesh

June 2017 - May 2019

Sri Chaitanya Techno School

10th Standard (CGPA: 9.7)

Mandapeta, Andhra Pradesh

June 2016 - May 2017

EXPERIENCE

UST Global -Developer-II, Software Engineer

August 2024 - Present

Trivandrum, Kerala

- Managed concurrent tasks and deadlines across 3+ agile sprints per release cycle, ensuring 100 percent on-time delivery.
- Contributed to the HealthProof product team, focusing on the payment module to enhance transaction workflows and feature reliability.
- Automated unit testing, static code analysis, and vulnerability scanning improving code quality scores by 20 percent and reduced code review iterations, thereby ensuring more secure payment processing module.
- Pioneered automated rollback procedures within CI/CD pipeline, limiting payment module downtime, following code deployments, to under five minutes, ensuring consistent service availability and rapid issue resolution.
- Adapted to unfamiliar tech stacks (e.g., Amazon SQS, Apache Artemis) within less than 2 weeks, contributing to production-ready modules.

IQUED - Full Stack Developer (Internship)

June 2023 - July 2023

Remote

- Collaborated in a team of 4 to design and develop an interactive E-Learning platform for IQUED, delivering a full-stack web solution using the MERN stack.
- Built responsive and user-friendly UI components that enhanced learner engagement, contributing to a 25% increase in daily active users during the internship period.

PROJECTS

Training Management Application | *Java, Spring-boot, AWS, Angular, Spring Security, Apache Artemis, MVC, MS SQL,*

Git, IntelliJ, jwt, postman, Auth, Junit October 2024

- Created an industrial-grade Training Management application to streamline coordination between trainees, trainers, and managers.
- Implemented role-based authentication to securely manage access and integrated Amazon SQS for messaging.
- Optimized performance and maintainability with optimized Microsoft SQL stored procedures.

E-commerce Shopping cart | *Java, Spring-boot, Spring Security, MVC, HTML, CSS, PostgreSQL, Git, jwt*

April 2024

- Designed and implemented a normalized object-oriented PostgreSQL database schema tailored for individual user management.
- Developed secure customer and admin authentication flows using Spring Security and Bcrypt encryption, incorporating JWT tokens for session management via cookies.

E-Learning Platform | *HTML, CSS, React.js, Node.js, MongoDB, Express, APIs (OAuth), Git, VS Code*

July 2023

- Completed an internship project at IQUED, a startup focused on digital education solutions.
- Designed an E-Learning platform using MVC architecture, enabling easier feature expansion.
- Engineered the back-end of an e-learning platform using Node.js and MongoDB, completing 100+ unit tests with Postman and achieving 95 percent test coverage in under 4 weeks, showcasing mastery of MVC architecture.

SKILLS

Languages: Java, C++ (Object-oriented programming, Data Structures and Algorithms), Python, HTML, CSS, Javascript, SQL

FrameWorks: Spring, Spring Boot, Micro Services, Angular.js MVC Architecture

Developer Tools: IntelliJ, Apache, Git, GitLab, Github, VS Code, Pycharm, Microsoft Office Tools, Postman, SSMS

Cloud: AWS, Azure Fundamentals

Technical Skills: Software Development, Java Developer, CI/CD Pipelines, Multi Threading, Kafka, S3 Bucket, Junit, Mockito, JWT, Agile SCRUM, Unit Testing, REST API, Maven, Docker, Sonarqube

Databases: MS SQL, MongoDB, MySQL

Personal Skills: Organized and quick to adjust to new environments, Able to generate practical ideas and solutions, Analytical and methodical in solving technical challenges

EXTRACURRICULARS AND ACHEIVEMENTS

- Organised a Student Guidance club event on Mental Awareness.
- Division 2 in Codechef and solved so many problems on leetcode.
- Solved 400+ problems in leetcode with overall contest rating of 1810.

CERTIFICATIONS

- Advanced Java, Springboot and Microservices (UST Global)
- Azure Microsoft Certification
- The Complete Web Development (Udemy)
- Machine Learning using python (Udemy)