

Rohith Padakanti | Full-Stack Developer

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PROFESSIONAL SUMMARY

A versatile Full Stack Developer with over 3 years of experience in building scalable, responsive web applications and efficient backend systems across multiple industries. Proven expertise in leveraging a wide range of programming languages and technologies, including Java, Python, React.js, Angular, and various cloud services (AWS, GCP, Azure) to deliver innovative software solutions. At Tungsten Automation, led a team to enhance customer engagement by 40% through a newly developed web application and improved project delivery efficiency by 20% utilizing Agile methodologies and CI/CD pipelines.

EDUCATION

Stony Brook University New York, USA

May - 2024

Master of Science Computer Science

Birla Institute of Technology and Science Pilani, India

May - 2021

Bachelor of Engineering Computer Science

PROFESSIONAL EXPERIENCE

Tungsten Automation CA, USA | Full-Stack Developer

Aug 2023 - Present

- Led the development and deployment of a scalable, responsive web application, enhancing customer engagement by 40% within the first three months post-launch. Utilized Java with Spring Boot for the backend and React for the frontend, implementing RESTful services for efficient client-server communication.
- Designed and managed a secure, robust database system using MySQL, integrating advanced security measures to prevent SQL injection and data breaches, achieving a 99.9% uptime. Spearheaded the migration of legacy systems to modern databases, improving data retrieval speed by 30%.
- Actively participated in Agile development cycles, including sprint planning, daily stand-ups, and retrospectives, contributing to a 20% increase in project delivery efficiency. Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins, reducing deployment time by 50% and enhancing team productivity.

Magna Infotech, India | Back-End Developer

Jun 2021 - Jul 2022

- Led the redesign of the database schema for a critical client management system, resulting in enhanced data integrity, a 25% increase in query performance, and streamlined data processing workflows. Instituted advanced data encryption and security protocols, significantly reducing vulnerabilities and safeguarding sensitive information against potential breaches.
- Spearheaded the development of high-volume, low-latency financial trading applications, achieving a 20% improvement in transaction speed and a 30% reduction in latency through meticulous optimization and coding practices. Implemented robust application lifecycle management, leading to a smoother deployment process and zero downtime during major releases.
- Fostered a culture of collaboration and excellence within the development team by initiating a peer code review process, which led to a 40% decrease in post-deployment bugs and a significant improvement in code quality. Acted as a mentor to junior developers, providing guidance on best practices in Java development and contributing to a 15% improvement in team productivity.

Sigma Infosolutions Ltd, India | Front-End Developer

Mar 2020 - May 2021

- Spearheaded the design and implementation of user-friendly interfaces for multiple high-traffic web applications, utilizing Java Server Faces (JSF) and integrating with Angular for dynamic content rendering. Enhanced user satisfaction by 30% through improvements in UI/UX design, based on user feedback and usability testing.
- Led the cross-functional team in the integration of front-end components with RESTful APIs, ensuring seamless data exchange and functionality across various platforms. Implemented responsive design principles, achieving 99% compatibility across modern web browsers and devices, resulting in a 20% increase in mobile user engagement.
- Actively participated in agile development cycles, including sprints, code reviews, and stand-ups, contributing to a 40% faster feature deployment rate. Championed the adoption of automated testing frameworks, reducing bug rates by 25% and facilitating smoother, more reliable product launches.

TECHNICAL SKILLS

Front End Technologies: HTML5, CSS3, JavaScript (ES6+), React.js, Angular, Vue.js, Bootstrap, XML, AJAX, Express.js

Languages: Java, Python, C, PHP, JavaScript, Rust, Python, C++

Operating Systems: Windows, Linux, Mac OS

Databases: Oracle RDBMS, MySQL, MongoDB, Apache Hadoop, Apache Tomcat

Tools: Eclipse IDE, Android Studio, Docker, Tableau, Power BI, Docker, CI/CD, DevOps, Jenkins, Chef, Puppet, Ansible, Kubernetes

Back End Technologies: Node.js, .NET, Django, Flask, Spring Boot, RESTful API

Cloud Services: AWS, GCP, Azure

Cloud Computing: AWS (AWS Lambda, EC2, SNS, SQS, DynamoDB, RDS, Elastic Load, S3, CloudWatch)

Version Control: Git, GitHub, GitLab

PROJECTS

ONLINE VOTING PORTAL [Java, J2EE, Spring MVC, Hibernate, Spring JPA]

Feb 2020

- Developed a secure and tamper-proof application on a blockchain-based network for storing the votes in an election
- The application enables its users to maintain a ledger of transactions over the nodes using SHA-256 as a cryptographic hash for checking the validity and integrity of the blockchain

HOTEL MANAGEMENT SYSTEM [Java, Swing UI, MySQL, JDBC]

Aug 2019

- A Full Stack Portal which helps its user to search and book a hotel in his/her desired location and manage previous bookings
- Features include searching for a hotel, selecting one of the available rooms, editing the previously made booking and cancellations