

Yash Deshmukh

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🔗 YashCoder03

Experience

Graduate Trainee Engineer

Rockwell Automation

Pune, India

July 2023 – Present

- Designed and developed scalable web applications using React, HTML, CSS, and Node.js, enhancing front-end and back-end functionality, resulting in a 15% reduction in customer-reported UI issues.
- Delivered 40% more efficient deployments using containerized pipelines and improved system response times by 30% with Redis caching.
- Implemented a containerization pipeline using Docker, increasing deployment efficiency by 40% and ensuring consistent builds across environments.
- Collaborated with a cross-functional team of 8 (including designers, QA engineers, and DevOps specialists) to deliver high-quality software products within 80% sprint deadlines in Agile workflows.
- Contributed to the development of RESTful APIs, enabling seamless integration with React-based user interfaces, reducing API-related incidents by 20%.
- Built RESTful APIs to support front-end development and ensured seamless integration with React-based user interfaces.

Professional Projects

PlantPAx

- Improved user experience for industrial operators by streamlining monitoring and management processes through scalable microservices architecture.
- Built interactive real-time data visualization tools to enhance operational decision-making.
- Using a microservice architecture to ensure scalability and flexibility.
- Utilized technologies like AngularJS, Node.js, and Cognite to ensure system reliability.

Projects

DecenDS

- Designed a platform for users to lease and rent unused mobile storage with enhanced security using sharding algorithms and encryption.
- Implemented data distribution techniques to ensure privacy and scalability.
- Secured data privacy with a sharding algorithm that encrypted and distributed data across multiple devices.
- Tools Used: Java (Android), Solidity, MERN stack

Personality Traits

Analytical Thinker: Excels at identifying problems and crafting efficient, scalable solutions.

Collaborative Team Player: Thrives in team settings and values effective communication.

Detail-Oriented: Ensures accuracy and precision in coding and project execution.

Adaptable Learner: Quick to learn and implement new technologies in dynamic environments.

Result-Driven: Committed to achieving project goals and exceeding expectations.

Education

Savitribai Phule Pune University

Bachelor of Computer Engineering

Jan 2020 – July 2023

- CGPA: 9.0/10.0
- **Coursework:** Operating Systems, Data Structure and Algorithms

Technical Skills

Languages: C++, Java, SQL, JavaScript, Typescript, Python

Frontend Technologies: React, AngularJs, HTML, CSS

Backend Technologies: NodeJs, Spring Boot, Hibernate

Additional Technologies: CI/CD pipelines, Cloud Platforms (Azure)

Database: MySQL, Redis

Tools: VS Code, Postman, GitHub, Jira, Figma

Achievement

- Solved more than 150 problems on LeetCode, ranking in the top 30% of competitors.
- 5-star Problem Solving at Hackerrank and CodeChef Highest Rating: 1657 (3 Star)
- Received the Dashing Debut award at Rockwell Automation for exceptional contributions to backend development during the PlantPAx release, which improved system performance and scalability.