VARUN SINGH

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PROFESSIONAL SUMMARY

Software Development Engineer with 1.5+ years at Accenture designing and maintaining enterprise-scale applications using React, Node.js, and .NET. Skilled in distributed systems, algorithms, and data structures, with experience building high-performance APIs and automation pipelines. Committed to delivering customer-focused, reliable, and scalable software solutions.

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6+), C#, TypeScript, Java, C++
Frameworks: React, Node.js, Express.js, Angular, ASP.NET Core
Databases: MongoDB, SQL, NoSQL
Tools & DevOps: GitLab CI/CD, Docker, AWS (S3, Lambda), Firebase Hosting, Postman
Concepts: Data Structures & Algorithms, Object-Oriented Design, System Design, Distributed Systems

WORK EXPERIENCE

ACCENTURE   Hyderabad
Software Developer   Feb 2024 – Present

- Designed, enhanced, and maintained distributed React, Node.js, and .NET-based enterprise applications critical to organizational operations.
- Implemented and optimized microservices in both JavaScript and .NET environments to improve system scalability and fault tolerance.
- Delivered core functionality upgrades for production .NET applications, reducing response times and increasing API reliability by 30%.
- Applied Test-Driven Development (TDD) with Jest, Mocha, and xUnit achieving 90%+ unit test coverage across multiple projects.
- Automated CI/CD pipelines using GitLab and Docker, cutting deployment cycles by 75%.
- Collaborated cross-functionally with product, QA, and DevOps teams to release over 10 high-impact features within Agile sprints.

PHN TECHNOLOGY   Hyderabad
Full Stack Development Intern   Apr 2023 – Jun 2023

- Developed 3+ full-stack React/Node.js applications reducing page load times by 40%.
- Refactored legacy JavaScript into modular ES6 improving maintainability.
- Enhanced API error handling and response time improving backend reliability.

PROJECTS

PIZZERIA WEB APP | Link
Built MEAN stack food ordering platform with JWT-based auth and CI/CD, reducing API response time by 45%.

SELF DRIVING RC CAR | Link
Developed IoT-based autonomous vehicle using Python & OpenCV improving navigation accuracy by 30%.

CHROMATIC (NETFLIX CLONE) | Link
Created React + Node.js streaming platform implementing adaptive caching reducing buffering by 60%.

HEALTHIFY MIND CARE | Link
Built PHP web app increasing user retention by 40%.

EDUCATION

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY   Hyderabad
Bachelor of Engineering in Information Technology | CGPA: 7.01   Aug 2019-Jun 2023

CERTIFICATIONS AND TRAININGS

- Accenture MEAN Stack Development Training
- Google Digital Cloud Leader Training
- Meta Front End Development Certification