Roshan Pathak

Software Engineer

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LinkedIn

TECHNICAL SKILLS

Languages: JavaScript (ES6), Java, HTML5, CSS3
Technologies: React.js, Redux, Spring Boot, Microservices Architecture, RESTful APIs
Database: MySQL, MongoDB, Query Optimisation, Indexing
Testing & Monitoring: Postman, Thunder Client
Methodologies: Agile/Scrum, Code Reviews, Pair Programming, Technical Documentation
Tools & IDEs: GitHub Copilot, Git, Postman, OpenAPI, VS Code, Eclipse, Thunder Client, Gemini

WORK EXPERIENCE

Vspagy (Acadian Technologies Pvt. Ltd.) *Noida, India*
Software Engineer *Feb 2025 - Present*

- Built and improved 25+ REST APIs for a microservices-based enterprise platform serving 50,000+ users, maintaining zero critical defects across all production releases
- Developed 16+ reusable React.js components connected with Spring Boot microservices, helping deliver complete features from the frontend to the backend for 50,000+ users
- Boosted a high-traffic React application loading speed by 30% by implementing component based memorization, code-splitting, and client-side caching, effectively cutting redundant network requests by 45%
- Optimised 20+ SQL queries using indexing strategies, query restructuring, reducing average query execution time by 40%
- Fixed critical Java/Spring Boot production issues and customer problems, reducing reported issues by 30% and improving system stability while being recognized for quick issue resolution
- Restored 100% platform stability for a critical client by fixing a major API issue and improving the data layer with TanStack Query and Axios, adding caching and retry logic that reduced repeated failures by 95%
- Leveraged GitHub Copilot for AI-assisted code generation, reducing boilerplate development time by ~30% and accelerating feature delivery velocity across sprint cycles
- Collaborated in Agile/Scrum environment: sprint planning, daily standups, and technical design documentation
- Consistently delivered features ahead of sprint deadlines, earning leadership recognition and a cash award for reliability, ownership, and high-quality execution

EDUCATION

Technocrats Institute of Technology *Bhopal, India*
Bachelor of Technology, Computer Science & Engineering (CGPA - 9.10/10.00) *Aug 2019 - May 2023*

PERSONAL PROJECTS

AI Interview Coach | React.js | Redux | Node.js | MVC | OperRouter | Firebase *Link* | *Source code*

- Spearheaded AI interview coaching platform capable of parsing resumes and delivering 3,500+ tailored questions aligned with candidates skills, projects, and experience.
- Engineered an adaptive interview system that dynamically increases question difficulty levels based on user responses, simulating real-world technical and behavioral interview scenarios.
- Developed an intelligent assessment engine capable of evaluating interview performance and generating detailed feedback reports with actionable improvement insights.

Expensebook | React.js | Node.js | Express.js | MongoDB | RESTful API *Link* | *Source code*

- Architected and deployed a fullstack expense management application using React and Node.js, streamlining tracking for over 500 users and reducing manual entry time by 40%
- Architected an engaging user interface using React, Redux Toolkit, Tailwind CSS, and Node.js.
- Implemented file upload, pagination, search, sort, and JWT (JSON Web Tokens) for secure authentication and authorization

ACHIEVEMENTS

- Secured Global Rank 689 in LeetCode Weekly Contest 313 among 22,878 competitors.
- Earned SQL (Intermediate) *Certification* from HackerRank validating expertise in databases.

COURSEWORK

- Database Management System
- Data Structures and Algorithms