

MAYANK PANDEY

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EXPERIENCE

Software Engineer

June 2024 - Present

Vlocity Ai

Bangalore, India

- Built a unified backend for eCommerce products using **Microservices**, ensuring **scalability** and **reliability**.
- Enhanced performance through **Redis caching**, reducing **latency** by 40% and speeding up **data retrieval** by 50%.
- Integrated **Elasticsearch** for fast, scalable **search functionality** across products.
- Utilized **Inversify** for **DI** and **IoC**, enabling **modular**, **testable**, and **maintainable code**.

Full Stack Developer Intern

March 2023 - May 2024

Sharpener Tech

Bangalore, India

- Extensive full stack development experience with **Node.js**, **Express**, and **React.js**.
- Streamlined deployment by creating **Docker images** and automating **CI/CD pipelines** for server.
- Optimized backend performance with **Redis caching**, boosting **API response times** by 30%.

SKILLS

Programming Languages

Java, JavaScript, TypeScript

Frameworks & Libraries

Express.js, Node.js, React.js, Redux

Databases & ORM

MySQL, MongoDB, PostgreSQL, Redis, Mongoose, Sequelize

Tools & Version Control

Git, Bitbucket, Jira, Postman

Miscellaneous

Microservices, Elasticsearch, Docker, Linux

EDUCATION

B.Tech (Electronics & Communication) , SRMCEM(AKTU), Lucknow

2018 - 2022

PROJECTS

Test-Test Api Test-Test API enhances frontend development by enabling CRUD operations independently of traditional backend infrastructure. ([Try it here](#))

Red Bubble Developed a responsive eCommerce platform for grocery sales using React.js for an optimized frontend and Node.js for a robust, high-performance backend. Integrated Express.js for efficient API routing, while utilizing MySQL and MongoDB for scalable data storage and retrieval. ([Try it here](#))

Spend-Wise Application Built an expense tracking app for generating personalized reports and splitting costs between users. Utilized Node.js, Express.js, and Sequelize with MySQL and React.js, integrated JWT for authentication, and Razorpay for payment processing. ([Try it here](#))

Hybrid Model for Lassitude Detection using Deep Learning, Automatic Braking System and Li-Fi Communication Model classifies, driver is sleepy or non- sleepy with 95.48 percent accuracy at the current time. ([Try it here](#))

CERTIFICATION

- Java with Coursera
- IBM Full Stack Software Developer Professional Certificate
- SQL by HackerRank