PUNIT SHARMA

Software Development Engineer

@ punitonwork@gmail.com   📞 +91-7023604473   📍 Kota, Rajasthan - India   GitHub   </> Leetcode
in linkedin.com/in/punit-sharma025/

EXPERIENCE

Associate Software Engineer

Nagarro

📅 July 2022 – present   📍 Jaipur,India

- Designed and developed both **front-end and back-end components** of client's Lease Management System using **ReactJS** and **NodeJS**, contributing to the creation of highly functional and user-friendly applications.

- Managed end-to-end database migration and conversion to **PostgreSQL** for a large German automotive firm, resulting in a significant **35% reduction** in general and specific errors.

- Collaborated with UI/UX designers to ensure seamless integration of design and functionality, delivering visually appealing and user-friendly interfaces that resulted in a **15% increase** in user engagement and an **8% decrease** in bounce rate.

- Collaborated closely with Business Analysts to comprehend requirements, and developed highly efficient code to achieve a **16% improvement** in application performance.

- **Mentored and guided a team of 4 interns**, fostering their growth and imparting comprehensive knowledge in web development, including HTML, CSS, and JavaScript.

- Elevated code quality and fostered a culture of excellence within the development team by spearheading weekly code review sessions and following **Agile** practices, leading to a **40% reduction** in bug density.

EDUCATION

B.Tech. Computer Science
(8.0 CGPA)

Career Point University

📅 2018 – 2022   📍 Kota, India

Higher Secondary
(7.4 CGPA)

Central Board of Secondary Education

📅 2018   📍 Kota, India

Secondary
(8.0 CGPA)

Central Board of Secondary Education

📅 2016   📍 Kota, India

ACHIEVEMENTS

- Solved 200+ coding problems across various platforms like HackerRank, Leetcode, GeeksForGeeks

- 15+ Voyager skill badges achieved at Nagarro, considered the best badges to attain.

- Secured 2 nd position in Hackathon organised by our college.

PROJECTS

Flight Booking App
(link)
- **[NodeJS, ExpressJS, MySQL, AWS, RabbitMQ]**

- Developed a microservice-based architecture, including API gateway, authentication services, search and booking services, message queues, and notification services.

- Implemented **Bcrypt** and **JWT** for secure login processes at the database level.

- Utilized **RabbitMQ** message queue for seamless inter-service communication during downtime.

- Created models and seed files using **Sequelize** ORM.

- Hosted and auto-scaled the application using **AWS EC2** web service.

- Integrated **NodeMailer** and **NodeCron** for automated email notifications.

Product Catalogue Website
(link)
- **[SpringBoot, Angular, MySQL]**

- Developed separate back-end API servers using **Spring Boot** to support CRUD operations on product data.

- Implemented **AngularJS** framework for the UI, with auth guards for user session isolation and filters for relevant product searches.

Scrapy
(link)
- **[NodeJS, Puppeteer, Cheerio, Node-cron]**

- Developed a crawler using **Puppeteer** to gather stock information from tradingview.com.

- Collected and stored daily data on stocks (rating, name, price, price changes, etc.) in an Excel file on an automated schedule.

TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript, Java, SQL

- **Frameworks/Libraries:** NodeJS, React, Express, Redux-toolkit, Puppeteer, Springboot, React native

- **Others:** Git, AWS EC2, MongoDB, Firebase, Docker, MySQL, Kubernetes, JIRA