Shamit Kumar Singh *Software Developer Engineer*

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Profile

Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

Professional Experience

Present Bangalore, India	**Software Developer Engineer I** *Shiprocket Omuni Limited* Placed during college placement.
2022/04 – 2022/06 Gurgaon, India	**Backend Developer Intern** *Material Library* • Defined and maintained databases to deliver responsiveness to data client requests. • Cooperated with front-end developers and other team members to design more cohesive and functional code.

Education

2019/08 – 2023/05 Calicut, India	**B.Tech in Mechanical Engineering** *National Institute of Technology Calicut* CGPA: 7.62
2017/04 – 2018/03 Kota, India	**12th** *Careerpoint Gurukul* 76 percentage

Projects

Codeial
- Developed social media website following where authorized users can interact with users through post, comments and chat engine.
- Features like Google authentication and authorization (Google API), auto-mailer (in batches with Redis) and file upload (with Multer) were accomplished. Successfully deployed on AWS.

Shoezaar
- Developed an e-commerce website where authorized users can order footwear online. Authentication and authorization achieved with JWT tokens.
- Payment gateway API (Razorpay) was integrated for payment solution with existing application.

Dynamic Jobshop Scheduling using Reinforcement Learning (Final Year Project)
- Developed a scheduling agent to optimize Earliness and Tardiness, Machine Utilization and Makespan of the total jobs.
- The objectives were achieved and compared with multiple methods like Q-learning, DQN and Double DQN method.

Skills

Language: C/C++, Python, Javascript
Development: NodeJS, ReactJS, ExpressJS
Database: PostgreSQL, MongoDB
Core Concepts: Advanced Data structure and Algorithms, OOPs design, Git and Github, Containerization, Basic AWS Services
Softskills: Strong communication, Problem solver, Good decision making, Team person