RUPESH SHRESTHA
Software Engineer

CONTACTS

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EDUCATION

Bachelor of Information Technology (Software)

Macquarie University   2020 - 2023

Relevant Courses:
Pace program, Software Engineering, Web Development, Mobile Application, Development, Object-Oriented Programming, Data Structures, Cybersecurity Principles

EXPERTISE

Frontend Programaming

Backend Programming

Documentation

Deployment

REFERENCE

MIKHAIL THORNHILL

Data Engineer

Pearson WFS   (Former Faethm)

JASON Crout

Pearson WFS   (Former Faethm)

Languages and Code

- **Languages**: Python, JavaScript
- **Frontend**: React, React Native, Bootstrap, Tailwind CSS
- **Framework**: Node.js, Express.js, FastAPI, Rest API
- **Tools**: Git, VSCode, GitHub
- **Methodologies**: Agile, Design Patterns
- **Databases**: PostgreSQL, MongoDB
- **Implementation**: CI/CD Pipelines, Testing
- **Design tools**: Figma, Sketch, Wireframing

Experience

Full Stack Developer | FEB 2023- JUN 2023
Pearson WFS (Faethm)

- Successfully led a team of 5 members in adding a critical feature to Faethm's analytical platform, improving user access to confidential information on in-demand skills and workforce preparedness.
- Utilized technical expertise in data visualization, employing D3.js and TypeScript to create a user-friendly interface, enabling non-technical staff to access and benefit from this feature.
- Demonstrated strong project management skills by consistently delivering projects on time, including comprehensive technical documentation, despite facing challenges and periods of solo work within the team.
- Employed a variety of collaboration and project management tools, such as Confluence for document management, Jira for task tracking and collaboration, Slack for communication with team managers, and Discord for internal team communication.
- Contributed to maintaining a close and professional relationship with team managers, fostering effective communication and collaboration throughout the project.
- Utilized a range of technical tools, including Visual Studio Code, Git, and GitHub for coding and version control, as well as React for frontend development to introduce new features to the existing platform.

Software Engineer
Software Engineering Projects | Freelancing

- Contributed to a live Android blood donation app, implementing data visualization and donor notifications.
- Optimized client-server load balancing for JPMorgan projects.
- Enhanced code quality and performance at Lyft using Java and design patterns.
- Collaborated on a successful sales-target-oriented digital marketing strategy.

PERSONAL SKILLS

Team Player

Time Managerment

Collaborative nature

Reliable and Professional

PROJECTS

Admin Dashboard
(Admin side dashboard to
visualise real time data)

watch-price
(Track price of an items
from amazon and get
notified by mail when price
drops)

Shopping Cart
(shopping card web
application but designed to
use on phone)

Snapshot

- Specialized in full-stack web development, with a strong emphasis on Node.js and React.
- Proficient in building server-side logic using Python, FastAPI, Node.js, and Express, with a focus on clear API documentation.
- Experienced in designing RESTful APIs and optimizing databases for seamless server-to-front-end communication.
- Skilled in executing both NoSQL and SQL queries, as well as working with AWS infrastructures and third-party APIs.
- Demonstrated success in cross-functional collaboration, including the development of API Gateways and endpoints and effective communication.
- Proficient in creating CI/CD pipelines to automate software delivery and meticulous technical documentation for maintainable solutions.

GOAL & OBJECTIVES

- Grow technical skills and get exposure to new technologies.
- Seek guidance and learning opportunities from senior engineers, learning best practices and methodologies.
- Keep pace with emerging technologies and industry trends to remain relevant and effective.
- Attend relevant training, conferences to expand knowledge and skills in software engineering.