

# RUPESH SHRESTHA

## Software Developer



## CONTACTS

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<https://github.com/rupesh110>

Website:

<https://rupeshdev.netlify.app>

## EDUCATION

### Bachelor of Information Technology (Software)

**Macquarie University** Feb 2020- Jun 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

## REFERENCES

MIKHAIL THORNHILL

*Data Engineer*

*Pearson WFS (Former Faethm)*

JASON Crout

*Pearson WFS (Former Faethm)*

*(Contact details on Request)*

## 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)

- 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.
- Executed technical expertise in data visualization, leveraging D3.js and TypeScript to craft a user-friendly interface, empowering non-technical staff to access and derive value from this feature.
- Delivered projects on time with comprehensive technical documentation, overcoming challenges and periods of solo work.
- Incorporated collaboration and project management tools, including Confluence, Jira for task tracking and collaboration, Slack, and Discord.
- Fostered a close and professional relationship with team managers, facilitating effective communication and collaboration throughout the project.
- Employed technical tools such as Visual Studio Code, Git, and GitHub for coding and version control, and employed React for front-end development to introduce new features to the existing platform.

### Software Engineer

Software Engineering Projects | Freelancing

- Enhanced the Android blood donation app, implementing data visualization that increased user engagement by 30% and donor notifications, resulting rise in donations.
- Optimized client-server load balancing for JPMorgan projects, reducing latency by 15% and ensuring uninterrupted service during high traffic periods.
- Enhanced code quality and performance at Lyft using Java and design patterns.
- Collaborated on a successful digital marketing strategy that exceeded sales targets by 15%.

# PERSONAL SKILLS

- Remarkably well-arranged
- Creative Spirit
- Strong collaborative skills
- Dependable and Professional
- Cognitive flexibility

# PROJECTS

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

Watch-price  
(Track price of an items from amazon web scrapper)

Social Media backend  
(Small demo API using python, implementing CI/CD and DNS)

Shopping Cart  
(Shopping list cart web application but designed to use on phone)

# Snapshot

- Specialized in full-stack web development, with a strong emphasis on Node.js and React.
- Streamlined API documentation process, ensuring clear and comprehensive documentation for Python-based server-side logic using FastAPI, facilitating seamless integration for external developers.
- Implemented RESTful APIs, leveraging industry best practices and improvement in server-to-front-end communication efficiency.
- Executed complex NoSQL and SQL queries to extract valuable insights, reduced database response time, and improved data analysis accuracy
- Spearheaded the development of API Gateways and endpoints, resulting in a reduction in system integration errors and improved overall system performance
- Initiated end-to-end CI/CD pipelines for automated software delivery, reducing deployment time and ensuring code consistency across the team.

# GOAL & OBJECTIVES

- Develop and execute a strategic plan to enhance technical capabilities by attending industry conferences and leading internal workshops, resulting in an increase in team proficiency and the successful adoption of cutting-edge technologies.
- Pursue learning opportunities from seasoned engineers, acquiring expertise in cutting-edge technologies and frameworks, and enabling the successful implementation of scalable solutions.
- Keep pace with emerging technologies and industry trends to remain relevant and practical.
- Sought out and complete advanced training courses in software engineering, mastering new programming languages and frameworks.