

SRUSHTI MADIAH BASAVRAJU

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Personal Summary

I am a highly motivated and adaptable software developer with a strong foundation in **Python, Java, C#, and SQL**, specializing in **object-oriented programming (OOP)** and **data structures & algorithms (DSA)**. My experience in **data analytics and machine learning** includes working with **Hive, Hadoop, and Amazon EMR**, enabling optimized data processing and visualization. As a **data engineering intern and case investigator**, I honed my **communication and collaboration skills**, effectively engaging with stakeholders, cross-functional teams, and non-technical users. My ability to **quickly learn and adapt** to diverse **tech stacks (Python, C#, SQL, React, AWS, etc.)** has allowed me to excel in fast-paced environments. With a **problem-solving mindset**, I have experience in **debugging, testing, and optimizing software applications** to ensure efficiency and reliability. Additionally, I thrive in **Agile teams**, applying best practices in **software engineering** and collaborating with stakeholders to deliver impactful solutions.

Experience

Data Engineering Intern

[EzyVet](#)

[Auckland AKL, NZ](#) 11/2022 - 02/2023

- Orchestrated the end-to-end Extraction, Transformation, and Loading (ETL) process, leading the successful transfer of data from over 10 diverse software systems to the EzyVet platform.
- Managed the extraction of data from more than 70 different vet software systems, showcasing adaptability and versatility in handling varied data sources.
- Utilized a combination of proprietary and open-source tools, including AWS EC2 instances and S3 buckets, along with code frameworks, to ensure precision and integrity in data conversion during the migration to EzyVet.
- Engaged in data analysis activities, collaborating with cross-functional teams to display and track productivity metrics. Leveraged Grafana to visualize and analyze team performance, rates of solved and unsolved tickets, and other key metrics.
- Resolved complex bugs encountered during the ETL process, demonstrating problem-solving skills and an ability to troubleshoot issues within code frameworks.
- Actively participated in collaborative coding efforts on GitLab, contributing to the success of version control and team collaboration.

Education

Bachelor of Engineering (Honors)

[Auckland University of Technology](#)

[Auckland, AKL, NZ](#), 03/2021 - 12/2024

- Major in Software Engineering
- Minor in Artificial Intelligence

Projects

- **MOBILE BUDGETING APP:** Created an Android expenditure tracking app using React Native JavaScript, Firebase. Link to [YouTube](#) App Demo (06/2023)

Mentorship

- **Teaching Assistant :** - DataBase System Design (SQL), I worked as an SQL tutor at AUT University (07/ 2023 - 07/ 2024)
- **Teaching Assistant :** - Embedded Software Engineering, I worked as a tutor at AUT University (07/2024 -10/2024)

Technical Skills

C# | .NET | Java | JavaScript | TypeScript | C++ | C | Python | MSSQL | Node | Express | React | React Native | SQL | BitBucket | NoSQL | Git | Linux | | CI/CD | Jest | Unit Testing | Lambda | OOP | DSA | Game Development | Grafana| Gitlab | Figma | Lucidchart | UML Diagrams | UI/UX | Software Architecture | Frontend | Backend | Full-Stack | English, Kannada, Hindi – All professional proficiency or above

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Achievements

- **Accenture Tech Bootcamp:** (3 day Hackathon where we built a Trading application to find “Skilled Workers” (plumbers, carpenters, Roof Cleaners etc...)) (July 29 - 31) (2023) and secured Second Prize
- **EzyVet Hackathon:** (3 day Hackathon where we built a Pet User Engagement application “Petstagram”.) (Sep 29 - 1st Oct)(2022) and secure Second Prize

Volunteering

AUT Student Ambassador

CSEA (Computer Science and Engineering Association) Outreach Executive and Women's Rep

AUTISA (Auckland University of Technology Indian Student Association) - Social Media Content Creator