

## OBJECTIVE

Software Engineering graduate student with professional full-stack development experience and data engineering expertise. Currently pursuing a Master's in Computer Science at the University of Sydney (graduating Dec 2025). Seeking to contribute to innovative software solutions that empower users through cutting-edge technology.

## EXPERIENCE

- **Slidezilla.ai** Sydney, NSW, Australia  
Full Stack Developer Aug. 2025 - Present
  - Building MVP from scratch for EdTech platform designed to improve learning outcomes for students with ADHD, taking full ownership of technical architecture and implementation decisions.
  - Developing responsive front-end application using React with ExpressJS and MongoDB to create an intuitive user interface optimized for neurodiverse learners.
  - Architected and implemented backend infrastructure using Express.js and Node.js with MongoDB database, establishing scalable data models and RESTful API endpoints.
  - Integrated AI-powered features using external APIs(Google Gemini) to enhance personalized learning experiences and adaptive content delivery.
  - Managed complete development workflow including version control with Git, deployment processes, and technical documentation for an early-stage startup environment.
- Technologies:** MongoDB, Express.js, Node.js, React, TailwindCSS.
- **The University of Sydney** Camperdown, Sydney, NSW  
Assessment and AI Transition Assistant May. 2025 - Present
  - Led university-wide AI integration initiative across 8 faculties and 3500 academic units, establishing comprehensive AI usage guidelines for assessment processes and creating the most accurate unit outlines in university history according to management.
  - Managed large-scale data migration and validation processing 20-30 unit records daily from Airtable to Akari production systems, ensuring each assessment explicitly specified AI usage permissions and maintaining 99% accuracy across the institutional transformation.
  - Implemented quality assurance protocols for AI guideline integration, systematically reviewing 5-10 team members' work daily from a 30-person project team, ensuring consistent application of AI policies across all academic units and assessments.
  - Conducted comprehensive data analysis and cross-validation against historical unit outlines, standardizing AI usage specifications across multiple assessments per unit and supporting the university's strategic digital transformation objectives.
- Technologies:** Airtable, Akari Forms, Data Analysis, Quality Assurance.
- **Agilepoint** Bangalore, Karnataka, India  
Software Engineer Mar. 2023 - Nov. 2023
  - Led the development of an IT procurement application using HTML, CSS and JavaScript automating 70% of the entire procurement lifecycle, including requisition submission, various stages of approvals, vendor selection, purchase order creation, and tracking.
  - Integrated APIs(Microsoft OneDrive and DocuSign APIs) reducing the processing time by 35% for document storage for tracking and E-signature functionality in purchase orders. Implemented automated email triggers and data storage solution in a relational database to track procurement requests, reducing the number of manual notifications by 50% and improving data retrieval by 30%,enabling faster and accurate reporting for management.
  - Led the development of TaaS(Training-as-a-Service) tracking application using HTML, CSS, Javascript, automating the process of tracking customer training hours which eliminated 60% of the manual work done by project managers.

- Implemented automated email triggers that deliver monthly reports to customers, detailing total hours assigned, consumed and remaining. This feature improved customer satisfaction by providing timely reports, accurate usage reports and saved over 10 hours of manual reporting per month.

**Technologies:** HTML, CSS, Javascript, APIs, Relational Databases.

### Epsilon

Bangalore, Karnataka, India

Sept. 2020 - Oct. 2022

- Client Support Engineer

- Led the execution and monitoring of production processes, troubleshooting incidents and escalating issues, reducing incident resolution time by 40% through efficient root cause analysis using SQL, Amazon Redshift and Excel.
- Automated quality check reports for core data feeds using SQL and Informatica Scheduler, improving the report generation efficiency by 60% and enhancing data accuracy across 100+ data pipelines.
- Monitored and optimized large scale data ingestion processes, ensuring data quality by performing thorough SQL comparisons between raw and ingested data, reducing data anomalies by 25%
- Conducted unit testing and user acceptance testing for multiple key ETL pipelines, identifying and resolving 80% of defects before production deployment, improving overall data pipeline robustness and reliability.
- Developed and documented solutions to recurring data failures, improving incident response time by 30% and mentored new employees, reducing their onboarding time by 50% through effective training and knowledge transfers.

**Technologies:** SQL, Amazon Redshift, Amazon S3, Oracle SQL Developer, Informatica Scheduler, Excel.

### Uncanny Vision

Bangalore, Karnataka, India

Feb. 2020 - Apr. 2020

- Data Engineering Intern

- Collaborated with the Data Development Team to facilitate data acquisition from client sources, demonstrating proficiency in handling data processes from collection to augmentation by 20% directly supporting the training of AI models.
- Played a key role in annotating and augmenting data sets used for training in AI models, ensuring data accuracy and completeness, which led to a 15% improvement in overall model performance.
- Employed attention to detail and organizational skills to ensure the accuracy and quality of annotated data, optimizing model performance reducing data related issues by 15% during model testing.

**Technologies:** Excel, AI/ML model support.

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## EDUCATION

- **The University of Sydney**

Sydney, NSW

Masters in Computer Science;

Feb. 2024 – Dec. 2025

- **New Horizon College of Engineering**

Bangalore, India

Bachelor of Engineering in Computer Science

Aug. 2016 – Aug. 2020

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## ACHIEVEMENTS

- **Winner - Chat and Hack/ Promptathon**

March. 2025

Microsoft and University of Sydney;

- **Finalist - Harvard Health Systems Innovation Hackathon**

April. 2025

Harvard Innovation Lab, University of Sydney, and Westmead Precinct;

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## PROGRAMMING SKILLS

- **Languages:** JavaScript, SQL, Java, HTML, CSS, Python (Learning)
- **Frameworks and Libraries:** React, Express.js, Node.js, NextJS
- **Databases:** MongoDB, Amazon Redshift, Oracle, PostgreSQL
- **Tools and Platforms:** Git, AWS (S3, Redshift), Airtable, APIs