

Tanzim Bin Zahir

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Summary

AI & Software Developer from Bangladesh with a passion for AI automation, problem-solving, and data analytics. Currently studying Computer Science (AI) at Taylor's University, Malaysia, while gaining hands-on experience through a 9-month industrial training at SquareCloud (Malaysia) Sdn Bhd. Skilled in building AI chatbots, managing inventory systems, and improving energy monitoring solutions.

Technical Skills

- ▮ **Programming & Development:** Python, Java, C++, JavaScript, TypeScript, R, SQL
 - ▮ **Web Development:** HTML, CSS, React, React Native, Next.js, Vue.js, Tailwind CSS, Node.js, Express.js, NestJS, FastAPI, Flask
 - ▮ **Databases & APIs:** PostgreSQL, MongoDB, MySQL, Prisma, REST APIs, GraphQL, WebSockets
 - ▮ **Data Science & AI:** TensorFlow, PyTorch, Scikit-Learn, LangChain, NLP, Computer Vision, CNN, RNN, Pandas, NumPy, Matplotlib, Kaggle
 - ▮ **Cloud & DevOps:** Firebase, Render, Azure, Docker, Kubernetes, NGINX, cPanel, Nginx
 - ▮ **Tools & Collaboration:** Git, GitHub, Microsoft Excel, Postman, VS Code
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Education

BSc (Hons.) Computer Science (AI)
Taylor's University & University of the West of England, Malaysia | CGPA: 3.35 |
Expected Graduation: Aug 2025

Professional Experience

SquareCloud (Malaysia) Sdn Bhd – AI & Software Development Industrial Training Program | September 2024 – Present

- Developed a web-based AI chatbot using LangChain and OpenAI with multi-category responses, boosting engagement by 40%.
 - Built a cross-platform chatbot app (React Native) with speech-to-text, text-to-speech, category selection, and Whisper AI.
 - Built an energy monitoring system, improving efficiency tracking by 35%.
 - Created an inventory system with OCR input, reducing stock discrepancies by 25%.
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Collaboration & Academic Projects

- ▮ RHM Design & Construction – Data Analysis Lead (Apr 2024)
 - ▮ Developed dashboards, increasing revenue by 15%.
- ▮ Thirty Seconds Café – Business Governance & Strategy Consultant (Apr 2024)
 - ▮ Designed governance frameworks, improving efficiency by **20%**.
- ▮ AI Resume Analyzer – Built an NLP-based resume screening tool, boosting hiring efficiency by 40%.
- ▮ Garbage Classification – Implemented ResNet/MobileNet, achieving 92% accuracy.
- ▮ Big Data Analysis – Optimized MapReduce pipelines, reducing data processing time by 50%.
- ▮ Library & Restaurant Management Systems – Full-Stack Development
Built end-to-end management systems, reducing operational errors by 30%.

Certifications & Achievements

- ▮ Dean's List – Taylor's University (Semester 1.5, 4)
- ▮ Certifications: IBM Python for Data Science | TensorFlow AI (Google) | Full-Stack Development (Meta) | Microsoft Azure AI

Soft Skills

- ▮ Problem-Solving | Team Collaboration | Technical Communication
- ▮ Languages: English (Fluent), Bangla (Native)

References

Dr. Navid Ali Khan

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University**

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Yap Michael

**Lead Engineer & Supervisor,
SquareCloud**

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