Ayser Ahmed Bijapur

Computer Engineering Graduate | Full-Stack Software Developer
Freelancing - AI Trainer (Outlier.ai)
Computer Science Enthusiast | Software Developer
Website: https://ayser-portfolio.vercel.app/

About Me

Highly motivated Computer Engineering graduate with hands-on experience in full-stack web application development, specializing in JavaScript, TypeScript, React.js, and Next.js. Proven ability to translate requirements into functional applications, demonstrated through academic, freelance, and apprenticeship projects. Eager to contribute to an Agile Scrum team, develop solutions using .NET and Azure, and rapidly learn new technologies to build impactful software in an event-driven, microservices-based architecture.

Contact

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Github - AYSER02

Education

- MH Saboo Siddik College of Engineering   2020 - 2024
  - *Bachelor of Engineering - Computer Engineering*

- Ryan International School   2018-2020
  - *Council For The Indian school Certificate Examinations*

Professional Experience

- **Nielsen India**   July 2025 - Present
  Data Co-Ordinator
  - *Analyzed and worked on Radio data for US based Clients.*
  - *Documented which Station, Band, Frequency is usually heard by what age groups and from which background.*

- **Outlier AI**   November 2024 - Present
  Freelance
  - *Trained and evaluated Programming and Language bots using annotated datasets and performance metrics.*
  - *Conducted quality checks and performance testing to ensure improved AI responses.*
  - *Applied linguistic expertise to enhance language model comprehension and output accuracy.*

- **Fugro**   June 2024 - September 2024
  Apprentice
  - *Experienced in streamlining processes and enhancing operational efficiency through automation and data-driven solutions.*
  - *Successfully automated resource allocation tracking and developed project-specific dashboards to improve stakeholder visibility and decision-making.*
  - *Introduced project-specific timesheets to better manage workloads and implemented performance and training trackers to monitor KPIs and optimize employee development.*
  - *Skilled in creating intuitive tools and frameworks that drive efficiency, reduce manual effort, and support strategic business objectives.*

Technical Skills and Interests

- *Languages: C, C++, JavaScript, TypeScript, Java, Python, VBA*
- *Frameworks & Libraries: Node.js, Express.js, React.js, Next.js, Tailwind CSS*
- *Tools: Git/GitHub, Advanced Excel, Google Colab, Docker, AWS*
- *Databases: MySQL, PostgreSQL, MongoDB*

Certifications

- *Data Science Methodologies*
- *Databases and SQL for Data Sceience*
- Introduction to Data Science
- Python for Data Science, AI & Development
- Tools for Data Science
- Career Essentials in Generative AI

- *Python Hands-On Practice*
- *Practice It: Python Data Structures*
- *Full-Stack Deep Learning with Python*

Projects

Academic Projects -

- Blockchain-Based Polling System:
  - Designed a secure polling system accessible exclusively to MetaMask users, enabling login and voting via their wallets.
  - Tech Stack - Node.js, Express.js, MetaMask, Web3.js, MongoDB, React.js. HTML, CSS, JWT, Solidity

- CNN-Based Traffic Sign Classifier UI:
  - Developed a real-time traffic sign classifier with an intuitive UI to detect and identify traffic signs accurately.
  - Tech Stack - Node.js, TensorFlow, Keras, React.js. HTML, CSS

- UI-Based Flashcard Application -
  - Created an intuitive interface for storing, loading, adding, deleting, and reviewing flashcards for quick revisions.
  - Tech Stack - Node.js, Express.js, MongoDB , React.js, HTML, CSS, Tailwind CSS

- E-Commerce Website -
  - Developed a dynamic website for managing the grocery market on a local system.
  - Tech Stack - Node.js, Express.js, MongoDB, React.js, PayPal, Redux, HTML, CSS, Bootstrap or Tailwind CSS

Professional Projects (with Fugro)-

- Resource Allocation Tracker -
  - Automated manual entries in the previous tracker for streamlined management.
  - Tech Stack - TypeScript, VBA, Advanced Excel

- Project-Specific Dashboards -
  - Created individual dashboards for all projects, catering to internal and external stakeholders.
  - Tech Stack - TypeScript, VBA, Power BI

- Timesheet Updates -
  - Replaced the common timesheet with project-specific timesheets to better manage employee workloads.
  - Tech Stack - TypeScript, VBA, Power Query, Advanced Excel

- Performance Tracker -
  - Developed a tracker to monitor individual and team performance against KPIs.
  - Tech Stack - TypeScript, VBA, Advanced Excel

- Training Tracker -
  - Automated tracking of completed and ongoing employee training for optimized project allocation.
  - Tech Stack - TypeScript, VBA, Advanced Excel

Self-Learning Projects -

- Chat-App -
  - Developed using Node.js and Express.js for the backend, with Socket.IO for real-time bidirectional event-based communication.
  - Features include real-time messaging, user presence indicators, and message history.
  - Tech Stack - Node.js, Express.js, Socket.IO, HTML, CSS

- Portfolio Website -
  - Developed using Next.js responsive website to showcase my expertise and skills for recruiters.
  - Tech Stack - Next.js, React, Vercel, TypeScript.