



# Ayser Ahmed Bijapur

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

## About Me

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Passionate about data science and software development, I thrive on solving complex problems and creating innovative solutions. With a strong foundation in programming and data analysis, I am dedicated to building impactful software and advancing my expertise in cutting-edge technologies. I am eager to contribute to challenging projects that drive meaningful change and push the boundaries of technology.

## Contact

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## Education

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- MH Saboo Siddik College of Engineering 2020 - 2024
  - Bachelor of Engineering - Computer Engineering
- Ryan International School 2020
  - Council For The Indian school Certificate Examinations

## Professional Experience

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- 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.

## Certifications

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- [Full Stack Deep Learning with python](#)
- [Java Essential Training](#)
- [Carrer Essential in GenAI by Microsoft](#)
- [JavaScript](#)
- [Hands On Python](#)
- [JSON Essential Training](#)
- [Machine Learning](#)
- [Big Data & Hadoop Essentials](#)
- [Python Data Structures](#)
- [CSS \(Basics\)](#)
- [Data Science Bootcamp 2025 \(In progress\)](#)
- [MERN Full Stack Guide \(In Progress\)](#)

## Technical Skills and Interests

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

## Projects

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### 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