

Zayd Ahmed

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SKILLS

- **Languages:** Python, C, JavaScript, Java, HTML/CSS, Solidity.
- **Technical Frameworks:** MySQL, Firebase, React Native, NodeJS, PostgreSQL, GIT, Ganache.
- **Operating Systems:** MacOS, MS Windows, Linux (Ubuntu).
- **Tools:** Azure Cloud, Visual Studio, Anaconda-Navigator, MS OFFICE, Cisco Packet Tracer.

WORK EXPERIENCE

WEB-DEVELOPMENT INTERN, FarmerGoods Co.

Bangalore, KA (Nov 2024 – Jan 2025)

Developed a responsive website for FarmerGoods Co, enhancing user experience and meeting project objectives. Implemented CI/CD pipelines using Git for seamless integration and deployment. Ensured high code quality by utilizing tools like ESLint and StyleLint throughout the development process.

Technologies Used: Bootstrap, HTML5, CSS3, JS, ESLint, StyleLint, CI/CD Pipelines, GitHub Actions.

EDUCATION

BMS College of Engineering Bangalore, Karnataka

Bangalore, Karnataka

- Bachelors of Engineering in Computer Science
- 8th Semester, CGPA – 7.5/10

2021 - 2025

International Indian School Al Jubail, Saudi Arabia

Al Jubail, Saudi Arabia

- Senior-Secondary-School (Class 12th) – 88%
- High-School (Class 10th) – 85%

2009 - 2021

PROJECTS

- **University Student Companion Web-Application:** Developed and deployed a web app offering study materials, forums, tools (SGPA calculators), and club info using HTML/CSS/JS/PHP, Node.js for back-end, and Azure Cloud with CI/CD via GitHub Actions.
- **Grooming Services Booking Application & Website (StylMe):** Built a grooming service booking app with Expo/React Native and Firebase for back-end, plus a companion website allowing barbershops to onboard through real-time form submissions.
- **Electronic Health Record System (EHR) using Blockchain:** Developed an Electronic Health Record (EHR) system using blockchain technology to securely streamline interactions between patients and doctors, utilizing IPFS for data storage, Ganache, and used MetaMask for secure transactions.
- **Python-Powered Online Shopping Platform:** Developed a Python-powered online shopping platform with comprehensive features, from user registration to order placement, modelled after Amazon's seamless shopping experience.
- **Customer Segmentation Using Machine Learning:** Applied K-means clustering to automate customer segmentation, performing data pre-processing, model training with optimal cluster determination, and result visualization to extract useful insights.
- **Federated Learning System using Blockchain:** Developed a decentralized ML framework using Ethereum, IPFS, and Python, enabling privacy-preserving model training without data sharing or central authority. Integrated smart contracts for trustless coordination and reward distribution.

PROFESSIONAL CERTIFICATIONS

- **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**
Oracle University | 2024
Certificate ID: [312895705OCI2024GAIOCP](#)
- **Python for Data Science and Machine Learning**
Harvard University, Cambridge, Massachusetts | HarvardX edX | 2024
Certificate ID: [a71353902bdf4d3fb86d72ac1a0dc444](#)