Mohammad Aazen

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Skills

Language: C++, HTML, CSS, JavaScript, Express.js, React.
Cloud: AWS (EC2, ECS, ECR, Lambda, S3, IAM, VPC, CDN, Autoscaling, Load Balancing, Bedrock)
AI: AWS AI (Amazon Q, Comprehend, Translate, Transcribe, Polly, Rekognition, Forecast, Lex, Personalize, Textract
Augmented AI, SageMaker)
Database Management: SQL, MongoDB
DevOps: Git, GitHub

Projects

Pseudo Front-end Application {News React App}   Feb 2023 - Feb 2023
- Ensured proper API integration with Axios; achieved successful data retrieval rates of 98%, enhancing overall stability of the web application performance.
- Extracted and displayed essential data (date, link, title, excerpt, image, and creator) from 100+ API responses, improving content accessibility.
- Designed interactive UI components, including 50+ dynamically generated news cards with a "Read More" feature linking to original articles.
- Implemented efficient API fetching, reducing page load time by 30% and enhancing user experience.
- Deployed the application using AWS services, ensuring 99.9% uptime and scalable performance.

E-Commerce Website   Oct 2022 - Feb 2023
- Built a scalable online platform for hiring verified maids using OTP-based authentication, ensuring a 100% verification success rate.
- Integrated a secure payment gateway, enabling seamless transactions with zero reported fraud cases.
- Collaborated with developers and explored many new tools and ideas that can be implemented in the website for future development.

Parkinson's Disease Prediction Software   Jul 2022 - Sep 2022
- Engineered an AI using Machine learning to predict whether a person is suffering from Parkinson's disease **based on voice frequencies** (Composed of a range of biomedical voice measurements from 31 people, 23 with Parkinson's disease) and inputted image.
- Developed a prediction model base with an **accuracy of 80%**
- Engineered seamless dataset integration and **transformed raw data into structured formats**, enabling efficient **model training with support vector machine**; created a predictive model that **achieved an 80% accuracy rate** in diagnosing Parkinson's disease.

Education

Vellore Institute of Technology, Bhopal   2021 – 2025
Bachelor of Technology in Computer Science (GPA: 7.85)   Bhopal, Madhya Pradesh

Certification

- AWS Certified Cloud Practitioner— January 2024   **Verify here**
- NPTEL - Cloud Computing— April 2024   **Verify here**

Extracurricular

Coding Blocks Club - VIT Bhopal   Sep 2022 – May 2023
- Organized monthly meetings for coding enthusiasts.
- Conducted events and meetings with around 200 participants in each and Led awareness programs on coding pathways and industry best practices

Content Writing - Aadox   Aug 2022 – Jan 2023
- Authored high-quality content on various topics to enhance brand engagement.
- Researched and composed well-structured articles aligned with the company's vision.
- Increased website traffic by 20% through strategic SEO content writing.