AAWEZ MANSURI

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EDUCATION

CALIFORNIA STATE UNIVERSITY - NORTHRIDGE   Northridge, CA
Master of Science in Computer Science   August 2021 - May 2023
Relevant Coursework: Web Engineering, Human-Computer Interaction, Software Development Principles

GANPAT UNIVERSITY   India
Bachelor of Technology in Computer Science   August 2016 - May 2020
Relevant Coursework: Web Development, UI/UX, Functional Programming, DBMS, Data Structures

SKILLS

Programming Languages: Python, HTML5, CSS3, JavaScript, TypeScript, C++, C#, Java, SQL, NoSQL
Libraries & Frameworks: React.js, Three.js, Angular, Bootstrap, Tailwind CSS, Node.js, Django, Flask, ASP.NET
Databases: MySQL, PostgreSQL, MongoDB
Technical Tools: Vite, Git, Docker, Kubernetes, AWS (EC2, Lambda, S3, CodePipeline, Elastic Beanstalk, DynamoDB)
Other: Selenium, GraphQL, Prisma, Figma, Trello, Jira, Agile, Scrum

WORK EXPERIENCE

AZILEN TECHNOLOGIES PVT. LTD.   India
Software Engineer   December 2019 – May 2020
- Developed an in-house HR Management System, utilizing technologies such as **JavaScript, Node.js, and MongoDB** to streamline internal operations and personnel management.
- Designed and implemented a secure user **authentication** and **authorization** module within the HR Management System, enhancing data protection and privacy compliance.
- Developed flagship E-Menu application for restaurants, used **React** and **Bootstrap** to deliver a dynamic and user-friendly digital ordering experience.
- Optimized the E-Menu's performance and **cross-platform compatibility**, conducted thorough **testing** and **debugging** of the system to identify and resolve issues ensuring seamless operation across various devices and browsers.
- Collaborated with data analytics teams to fine-tune the **sales forecasting model**, significantly improving forecast accuracy and assisting restaurants in reducing operational costs.

IMPERO IT SERVICES PVT. LTD.   India
Software Engineering Intern   May 2019 – July 2019
- Collaborated with cross-functional teams including designers, developers, and product managers to understand requirements, design solutions, and ensure on-time project delivery.
- Designed responsive **website UIs** and developed sites using **WordPress** and **Shopify** CMS platforms based on client requirements; implemented **custom plugins, themes**, and **functionality** to enhance user experience.
- Executed **manual testing** and wrote detailed **test cases** to ensure software quality and functionality; **automated regression tests** using **Selenium** resulting in 80% test coverage.
- Troubleshot issues discovered during testing, logged detailed bug reports with steps to reproduce, and verified fixes.

PROJECTS

8BIT AUDIO
- Launched 8bit Audio, a specialized online marketplace offering royalty-free sound effects, audio samples, and presets. Additionally, utilized **web design skills** to create an intuitive and aesthetic user interface.
- Optimized '8bit Audio' web performance for **30,000+** customers, enhancing load times and SEO via best practices in **compression** and **caching**.

AAWEZ.COM - 3D PORTFOLIO
- Developed an innovative 3D personal portfolio website, utilizing **React, Vite, Tailwind, and Three.js** to showcase professional accomplishments and skills effectively.

AI-POWERED COLOR PALETTE GENERAOR
- Utilized OpenAI's GPT3.5 Turbo API to create an interactive web application, allowing users to input textual prompts and receive dynamically generated color palettes based on the response.
- Developed backend using **Python Flask**, streamlined deployment processes via **AWS Elasticbeanstalk,** and implemented CI/CD with **AWS CodePipeline.**

NETWORK INTRUSION DETECTION
- Completed Master's thesis on Few-Shot Learning using Prototypical Networks on the NSL-KDD dataset, achieving 95.6% accuracy with under 1% of training data.