



KEERTHI P

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EDUCATION

Master's in Computer Science, Oregon State University

Coursework: Operating Systems, DBMS, Error Correcting Codes, Algorithms, Human Computer Interaction, Parallel Programming, Computer Architecture, Software Engineering Methods, Statistics, Computer Graphics, Computer Graphics and Shaders

3.61 GPA

Bachelor's in Computer Science Engineering

Coursework: Data Structures, AI, Computer Networks, Web Development, Distributed Computing, Cloud systems and Infrastructure

3.3GPA

TECHNICAL SKILLS

Programming/Scripting Languages: C, Python, Java, JSON, PowerShell, Shell, R, Bash, Ruby

Web Development: HTML, CSS, JavaScript, React, WordPress, Figma, GraphQL, .NET

Cloud Technologies: Amazon Web Services, DevOps, Terraform, GCP

Database Technologies: MySQL, PostgreSQL

Operating Systems: Mac, Linux, Unix, Windows

Tools: MS Office, Git, Agile, Docker, Jira, FileZilla

WORK EXPERIENCE

Application Developer at Strategic Resources International

08/2023 – Present

Tools & Technologies: HTML, CSS, JavaScript, PHP, AWS

- Developed a dynamic web application using JavaScript, React, HTML, and CSS, delivering an interactive and responsive user interface
- Utilized Git for version control to track changes and collaborate efficiently throughout the development lifecycle
- Deployed the web application to AWS, leveraging EC2 and S3 for hosting and data storage, ensuring scalability and reliability
- Managed project tasks and sprints using Jira, ensuring timely delivery of features and tracking progress across development phases
- Integrated contact forms within the application, storing form submissions securely in AWS S3 for easy retrieval and processing

Web Developer Intern at Sonata Software

01/2020-08/2021

Tools & Technologies: WordPress, HTML, PHP, JavaScript, CSS, AWS

- Deployed and managed websites on WP Engine, utilizing its powerful hosting environment to ensure fast, reliable, and secure website performance
- Configured and integrated various WordPress plugins to add functionality like SEO optimization, contact forms, and performance enhancements, tailored to the specific needs of each site
- Utilized AWS services in conjunction with WP Engine-hosted websites to enhance scalability, data storage, and backup strategies for robust and secure web hosting solutions

Cloud Intern at Aspire Vision Tech Education

05/2019-11/2019

Tools & Technologies: Google Cloud platform, FTP, FileZilla

- Created file transfer between computers through cloud using "File Sharing using FTP for business" project
- Gained expertise in cloud infrastructure, FTP, web development frameworks, project management, and AWS, contributing to implementation of the file-sharing solution for businesses

ACADEMIC PROJECTS

Portfolio (CSS, HTML, JavaScript)

- Designed and developed a fully responsive portfolio website from scratch using HTML, CSS, and JavaScript to showcase personal projects and technical skills
- Implemented interactive elements and animations using JavaScript to enhance user experience and engagement
- Used Git for version control and seamless deployment, managing updates and maintaining code integrity throughout development
- Focused on clean, modular code and best practices for web development, improving website performance and maintainability
- Continuously updated the portfolio to reflect ongoing projects and advancements in skills

Ambulance Services Web Application (Figma)

- Led user-centric interface design, implementing features for seamless user experience, including a comprehensive login system and consistent navigation controls
- Developed a robust booking system with versions for emergency calls, pre-booking, and history, optimizing user journeys and implementing secure confirmation mechanisms
- Facilitated integration with external services for emergency calls, allowing direct contact with ambulance services without logging in
- Ensured secure user profiles, emphasizing data privacy and system security
- Demonstrated proficiency in UI/UX design, system development, and seamless integration with external services

CERTIFICATIONS

AWS Certified Cloud Practitioner by AWS - Mar 2024

AWS Certified (Solutions Architect, Developer, SysOps Administrator, Cloud Practitioner) by Udemy - July 2023

AWS Solution Architect Associate - Sep 2022