

David Baumgardt

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Summary

Full Stack Web Developer with four years of experience in designing, developing, deploying, and maintaining robust features and applications. Keen focus on system design, web service architecture, and continuous deployment strategies.

Skills

Programming Languages: Typescript, NodeJS, Python, C#/.Net, C/C++, Java

Frontend Development: React, NextJS, Angular, HTML, CSS, JavaScript

Tools: AWS, SQL, DynamoDB, Redis, Docker, Kubernetes, Git, VPS Hosting, Linux/Unix

Experience

Full-Stack Software Engineer – Goliath Technologies

March 2022 – Oct 2023

- Architected and deployed a virtual chatbot assistant leveraging Python, Flask, and OpenAI's API to create embeddings based on internal documentation, demonstrably reducing the quantity of support tickets
- Implemented responsive, interactive front-end user interfaces and components based on mockups from the design lead using HTML, CSS, JavaScript and React
- Deployed CI/CD pipelines for staging and production environments using Github Actions and Docker, expediting testing and deployments.
- Coordinated with other developers within a scrum framework to preserve and organized and collaborative workflow while achieving rapid turnaround

Software Developer – Classlink Inc.

March 2020 – March 2022

- Independently maintained a distributed authentication agent built in .Net Core, provisioning multiple versions for specific client bug fixes and metrics collection for easier troubleshooting
- Expanded the cloud authentication platform in NodeJS and MySQL, implementing OAuth2 and OpenID Connect to enable greater interoperability with vendors and tenants.
- Spearheaded an internal Angular interface to streamline support, allowing engineering and operations staff to rapidly access logs and test configurations of clients' distributed systems, slashing time to complete relevant issues by 60%.

Certifications

AWS Cloud Practitioner

Feb 2024

W3 Schools – Typescript Developer

Dec 2023

Education

Rensselaer Polytechnic Institute

Aug 2016 - Dec 2019

Bachelor's of Science in Computer Science | 3.3 GPA

Other Projects

StatCrusher

<https://statcrusher.com>

Compiles and displays usage data from the online Pokemon battling simulator, Pokemon Showdown. Built using NodeJS, ExpressJS, Angular, Redis, and Nginx and hosted in a secure Linode server. Ongoing work on updating it for the current generation and revamping the interface