David Thomas

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Summary

Software Engineer with professional experience in building complete solutions with JavaScript/TypeScript and deploying
them with popular options like AWS, Heroku or GCP.
Strong foundations in software architectural design and software engineering principles.
Able to adapt to any environment and deliver battle-tested software. Framework agnostic.

Experience

Software Engineer

Experion Technologies

Apr 2020 - Present (8 months +)

- Directly working with clients to enhance a healthcare application that I previously worked on (AWS/Postgresql/MERN)
- Worked on a data extraction application in the construction domain (AWS/PostgresqlL/DynamoDB/Python/Node.js/React.js).
- Worked on refactoring an existing healthcare application (AWS/MEAN).
- Worked on a full-stack development training program for new recruits (Heroku/MERN).

Associate Software Engineer

Experion Technologies

Nov 2018 - Apr 2020 (1 year 6 months)

- Worked on developing an application for enabling dementia patients to perform daily tasks. The application was awarded the first-prize grant by the NIA (AWS/Postgresql/MERN).
- Worked on automating the testing suite for a TTS application (Audio Routing).
- Worked on developing designs for a visual map application (SSR with Node.js/HTML5/Pdf.js).

Software Engineering Trainee

Experion Technologies

Jul 2018 - Nov 2018 (5 months)

- Worked on a retail management system (Postgresql/.NET Core/C#/Angular).
- Worked on a booking application (AWS/MEAN).
- Worked on a sentiment analysis application (MEAN).

Education

freeCodeCamp

Full Stack Web Development Certification, Computer Software Engineering

2017 - 2018

Mahatma Gandhi University, Kottayam
Bachelor of Technology, Computer Science
2014 - 2018

Licenses & Certifications

Node.js: Microservices - LinkedIn

DevOps Foundations: Lean and Agile - LinkedIn

Advanced Python - LinkedIn

AWS Certified Solutions Architect - Associate (SAA-C01): 1 Cloud Services Overview (2019) - LinkedIn

Succeeding in Web Development: Full Stack and Front End - LinkedIn

Algorithmic Trading and Stocks Essential Training - LinkedIn

AWS Certified Solutions Architect - Associate (SAA-C01): 4 Compute Services - LinkedIn

Node.js: Real-Time Web with Socket.IO - LinkedIn

Learning Kubernetes - LinkedIn

Algorithmic Trading and Finance Models with Python, R, and Stata Essential Training - LinkedIn

TypeScript: Object-Oriented Programming - LinkedIn

Node.js: Design Patterns - LinkedIn

Node.js: Testing and Code Quality - LinkedIn

Flutter: Part 01 Introduction - LinkedIn

Node.js: Security - LinkedIn

Microservices: Design Patterns - LinkedIn

Programming Foundations: APIs and Web Services - LinkedIn

Rest API (Intermediate) Certificate - HackerRank
f28715b7341f

CutShort Certified Javascript - Advanced - CutShort
25873

Problem Solving - HackerRank

Skills

Node.js • JavaScript • PostgreSQL • Data Structures • Database Design • Machine Learning •
Web Development • Agile Project Management • Cloud Computing • Business Intelligence (BI)

Honors & Awards

Certificate of Merit - Director's Honours List - Amal Jyothi College of Engineering
May 2015
Certificate of highest academic merit.

Certificate of Merit - Director's Honours List - Amal Jyothi College of Engineering
Nov 2015
Certificate of highest academic merit.

Initial Learning Programme - Faith Infotech Academy
Nov 2018
An introductory course to software engineering principles and methodologies along with web
development with .NET Core and JavaScript.