

ANTON LEE

Senior Full Stack Engineer

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EXPERIENCE

Senior Full Stack Engineer

Education Advanced

11/2021 - 05/2024

- Worked on Education Management Platforms using technologies like React.js, Angular, GraphQL, Node.js, Python/FastAPI, MySQL, PostgreSQL, and AWS
- Implemented a calendar scheduling and education events management features
- Created an interactive online classroom environment by integrating live streaming and video conferencing capabilities through WebRTC technology
- implemented an assessment and gradebook system to support assessment and feedback mechanisms
- Developed learning analytics tools by leveraging React for dynamic data visualization and FastAPI for backend data processing
- Developed an emergency alert system using Twilio API for SMS notifications
- Closely worked with Product Manager to create the best possible user experience and drive product innovation

Senior Full Stack Engineer

LessonPal

06/2019 - 10/2021

- Worked on an Agile Scrum Team which has responsibility to upgrade LessonPal's e-learning platform, and used Jira for agile development
- Migrated all pages from Angular to React, GraphQL, Next.js, and Tailwind CSS
- Implemented RESTful APIs in Django and deployed them to AWS
- Conducted performance testing and optimization to deliver high-quality video streaming with minimal latency on the e-learning platform
- Followed Test-Driven Development (TDD) principals in development, using Jest, Cypress, and Enzyme
- Conducted code reviews, provided constructive feedback, fostering a collaborative and quality-focused development environment
- Architected a secure payment gateway integration with Stripe API for processing transactions in Node backend

Front End Engineer

BitsRain

06/2016 - 05/2019

- Developed the frontend of an e-commerce and an e-learning platform using React, Tailwind CSS, and Next.js, Python, and Node.js
- Utilized AWS EC2, S3, and RDS services for the e-commerce platform and built serverless backend with AWS Lambda
- Implemented data visualization components in multiple React projects using libraries such as D3.js and Chart.js
- Built some RESTful APIs in Node.js, integrating third-party APIs including PRIME-TRUST

SUMMARY

A senior full-stack engineer proficient in React.js, Python, and Node.js, with strong contributions to education products. I'm passionate about staying up-to-date with the latest technologies and wear a lot of hats. My adaptive problem-solving abilities and effective communication and collaboration skills have enabled me to thrive in team environments and closely collaborate with team members.

SKILLS

Language

JavaScript

TypeScript

Python

Frameworks

React.js

Next.js

Angular

FastAPI

Django

Node.js

Database

MySQL

PostgreSQL

MongoDB

CI/CD

Amazon Web Services

Jenkins

Docker

Kubernetes

Tools & Platforms

Jira

Git

Bitbucket

Webpack

EDUCATION

Master's Degree

Roskilde University

09/2011 - 05/2016

Roskilde, Denmark