

Jeremy Nguyen

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Education

University of California San Diego

Bachelor of Science in Mathematics and Computer Science, Minor in Cognitive Science

Expected Jun 2024

La Jolla, CA

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, Rust, SQL, LaTeX

Technologies: React, Node.js, AWS, Git, Express, REST APIs, MongoDB, GraphQL, Next.js, Docker, Flask, Sass

Work Experience

Software Engineering Intern

Jun 2022 – Aug 2022

CoStar Group

San Diego, CA

- Collaborated in Agile Scrum team to develop new solution for QA team to review recommendation engine for properties in Homes.com
- Developed performant single-page application frontend in React with modular component-based architecture
- Implemented AWS Lambda serverless functions in Node.js to handle authentication and review requests by fetching and storing data through NoSQL DynamoDB database
- Deployed various microservices with REST API endpoints in API Gateway, AWS Lambda, and DynamoDB through CloudFormation template scripts

ITS Service Desk Technician

Sep 2021 – Present

University of California San Diego

La Jolla, CA

- Diagnose and troubleshoot support requests regarding users' technology and networking issues through detailed data collection, research in internal knowledge base, and knowledge of technical procedures
- Communicate solutions through resolution and escalation policies in a collaborative environment

Projects

Integra | React, Next.js, GraphQL, Express, Node.js, MongoDB

Sep 2022

github.com/jeremynguyencs/integra

integra.vote

- Created full-stack web application to visualize and display data for local government officials aggregated from various sources
- Constructed React and Next.js frontend to handle routing, state management, and processing user input to send requests to backend
- Developed GraphQL API through Apollo and Express backend server to handle requests with specific arguments by fetching data through Prisma ORM and MongoDB database in addition to various REST APIs data sources
- Deployed the client and server with continuous integration (CI/CD) pipeline through monorepo configuration, GitHub Actions, and Docker

PatientPort | React, Solidity, Ethers.js, React Router, Ethereum Blockchain

Apr 2022

github.com/rishimagiawala/patient-port

patientport.tech

- Won first-place overall winner in HackPrinceton hackathon for a React web application that served as a decentralized platform for the management of patient information and medical records
- Developed frontend UI client in React to handle navigation and requests through reusable components and hooks with attractive and responsive design
- Integrated React client with a Solidity smart contract through ethers.js to facilitate the request, approval, and denial of the exchange of medical records through the Ethereum blockchain

Certifications

AWS Certified Cloud Practitioner | Amazon Web Services

Jul 2022