Vinny Senthil

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Education

B.S. in Software Engineering at San Jose State University   Dec 2019
Minor in Business

Relevant Coursework: Data Structures and Algorithms, Database Management Systems, Computer Networks, Object-Oriented Design, Information Security, Operating Systems, Differential Equations and Linear Algebra, Enterprise Software Design, Project Management, Programming Paradigms

Relevant Skills

Languages:	Python · JavaScript · Java · Ruby · HTML5/CSS
Frameworks:	Node.js · Flask · Django · React.js · Redux · Rails
Databases:	PostgreSQL · MongoDB · MySQL
Tools:	AWS (S3, EC2, RDS, ECS, Fargate, Lambda) · Docker · Selenium · Git · Bash
Data Science:	Spark · scikit-learn · Pandas · NumPy · Matplotlib

Experience

Developer Relations Intern, **Google**   Jun 2019 – Now

- Focused on Google Cloud Platform's Serverless products

Software Developer, **Gratis Food**   Jan – Jun 2018

- Created a cross-platform mobile application using React Native and Redux
- Built bulk push notifications via Expo API, device tokens, and Firebase Cloud Messaging
- Furthered organization's mission of reducing food insecurity and food waste

Projects

Abode   *www.abode.city*   Spring 2019
A hotel booking site proof-of-concept with real hotels, reservations, cancellations, reviews, rewards points etc.

- Built with React.js, Express.js, Node.js, and MongoDB (MERN Stack)
- Led backend development and data engineering, built many critical REST API endpoints
- Collaborated across teams in an Agile environment with 2-week sprints

DeltaHedge   *www.deltahedge.org*   Fall 2018
Platform to research recent stock transactions of hedge funds with over $100M in assets under management

- Python + Selenium scripts retrieve and compute data from quarterly filings from SEC site
- Built using Django and PostgreSQL storing hundreds of thousands of stock transactions
- Leveraging AWS Lambda to automatically update new transactions, ticker symbols, and private funds