Joel Bandi

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EDUCATION

UC IRVINE
MS in Computer Engineering
Dec 2016 | Irvine, CA
Cum. GPA: 3.48/4.00

IFHE UNIVERSITY
B.Tech in Electronics and Communication
July 2015 | Hyderabad, India
Cum. GPA: 9.71/10.0
Magna Cum Laude Honors

COURSEWORK

GRADUATE
Projects in Web Applications (CS122B)
Next Generation Search Systems (CS225)
Design and Analysis of Algorithms (EECS215)
Distributed and Middleware systems (CS237)
Software for Embedded Systems (CS245)
Software Analysis and Testing (IN4MATX215)
High Performance Architecture (CS243)
Analysis of Programming Languages (EECS228)

ONLINE
Web Tooling & Automation -Udacity
Offline Web application -Udacity

SKILLS

PROGRAMMING
Primary skill set:
Java | Js | Ruby | Elixir
Proficient in:
CSS/Sass | HTML | SQL | NoSQL | Bash
Frameworks and tools:
NPM | Git | React | Redux | ES6 | Android | AWS | Docker | Redis | Express | Rails

LINKS

LINKEDIN
https://linkedin.com/in/joelbandi
GITHUB
https://github.com/joelbandi
BLOG
https://joelbandi.github.io/trickshots

EXPERIENCE

APPFOLIO INCORPORATED Software Engineer
Jul 2017 – present | Santa Barbara, CA
- working with the core product and financial infrastructure team
- Skills used: Rails, React, Node and other database technologies.

PROCORE TECHNOLOGIES Software Engineering Intern
Mar 2017 – Jun 2017 | Carpinteria, CA

- Worked on core product with the Insights team (web-rails).
- Participate in Agile sprints, working on both front-end and back-end tickets.
- Implemented new features, improved existing modules and shipped production quality code.
- Skills used: Node, React, Redux, Rails, PostgreSQL.

UC IRVINE | Teaching Assistant, EECS114 - Algorithms and Data Structures
Sep 2016 – Current | Irvine, CA

- Instructing two lab sessions.
- Prepared Assignments and held office hours.
- Skills used: Algorithms, Data Structures, Java.

UC IRVINE | Grader, EECS40 - Object Oriented Programming using Java and Android
Mar 2016 – Jun 2016 | Irvine, CA

- Assisted students in using github, android tidbits and project management.
- Built, tested and graded android games designed by students.
- Skills used: Bash, Java.

COURSE PROJECTS

'THE MOVIE MAFIA' ONLINE MOVIE STORE
- Built an end to end MVC inspired web application completely from the scratch
- Designed to communicate with a MySQL database running in AWS using an Apache Tomcat container.
- Built and augmented web interface with functionality like pop-ups, typeaheads with auto-complete, fuzzy searching.
- Also built a feature rich android client for the web application.

MEET
- A P2P server based hyperlocal app that connects like-minded people within each other's vicinity using Facebook profile matching and a custom recommendation engine.
- Written a Node.js and Express backend RESTful API and deployed on Heroku platform
- Built a P2PKit enabled Android front-end client capable of detecting users nearby while querying the backend for ranked profiles of detected users.