

Parthiv Mohan

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Website: <https://pmocal.github.io>
Projects: <https://github.com/pmocal>

Freelancing as a full-stack developer while seeking out full-time positions in the civic technology field.

EXPERIENCE

Various Clients

Freelance Full-Stack Developer

Remote

01/2020 - Present

- Worked on front-end (Vue.js) & back-end (Django API with PostgreSQL DB) of enterprise application for a client
- Built ETL pipeline for AI startup to be able to get their clients' HR/IT ticketing data from clients' service providers
 - Implemented performant (~500 rows/sec) solution that can be run at time intervals; documented all of it
 - Easily configured and extended (with ServiceNow & Jira Service Desk supported out of the box)
- Built log management application from end to end in Django for a startup in the cybersecurity compliance space
- Built web applications and sites using Node.js and Vue.js for a jewelry appraisal company, writer, & other clients
 - Began my freelancing on Upwork after web development self study in 2019 (via [The Odin Project](#))

Code Nation

Front-End Coding Instructor Volunteer

Brooklyn, NY

09/2018 - 06/2019

- Taught the Foundations Course at Williamsburg Charter High School 2 days a week for the 2018-19 school year

IBM Research

Software Engineer

Yorktown Heights, NY

02/2017 - 07/2018

- Helped build and maintain API Harmony, a catalog of web APIs that helps developers find and use APIs
 - Implemented walk through tour for the application, developed admin site for it in Ruby on Rails
- Developed Business Process Management software for event processing, monitoring, and analytics via cloud
 - Wrote scripts, stored events in Elasticsearch, built user-facing dashboards for KPIs, wrote documentation

Pandora Media, Inc.

Software Engineer Intern

Oakland, CA

06/2015 - 08/2015

- Overhauled Pandora Developer Center, web portal through which partners like car manufacturers accessed API
 - Restructured registration, sign-in, license acceptance, and dev management to decrease admin overhead

SKILLS

- Advanced:** - Python, Javascript, HTML/CSS, Bash, SQL, Django, Vue.js, Node+Express+Handlebars, Java, Numpy
- Relational databases, MVC/MVT design patterns, Docker, AWS, REST, Heroku, Git, TDD, Talend
- Intermediate:** - Ruby on Rails, C, C++, JUnit, Pandas, Numpy, Angular.js, React.js, Powershell, Bootstrap, Chart.js
- Kibana, OpenAPI Specification, Webpack, Elasticsearch, MongoDB, MapReduce, Machine learning
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EDUCATION

University of California, Berkeley

B.A. Computer Science, B.A. Cognitive Science; Minor in Creative Writing

Berkeley, CA

08/2012-08/2016

Relevant Coursework: Database Systems; Artificial Intelligence; Machine Learning; Intractable Problems & Efficient Algorithms; Industrial Databases; Computer Architecture; Data Structures; Signals & Systems; Discrete Math; Combinatorics & Probability; Linear Algebra & Differential Equations; UNIX

Freie Universität Berlin (UC Education Abroad Program in Berlin, Germany)

08/2015-12/2015