

BHARAT AGARWAL

Bangalore, India - bharatagarwal@gmail.com - <https://bharatagarwal.io>

EXPERIENCE

Mothership PaaS

Co-creator & Software Engineer

Sep 2019 – Present

Remote

- Mothership is an open-source platform-as-a-service for deploying small applications.
- Built a distributed multi-tenant architecture for deployed applications
- Programmatically provisioned deployment-ready servers on DigitalOcean with Docker Machine
- Implemented API calls to Docker Swarm to perform CRUD functions with containers on the remote manager machine
- Leveraged WebSockets for providing service logs to users
- Streamed application build outputs to web and CLI using Server Sent Events
- Designed workflows and information architecture for the web application interface
- Read case study at: <https://mothership-paas.github.io/case-study>

Self Employed

Full Stack Developer

Feb 2018 – Aug 2019

- Developed a variety of open source web applications using JavaScript, Node.js, Ruby, Ruby on Rails, SQL, HTML, CSS, and React.
- Kanban: A project management app similar to Trello built with React/Redux and Rails
- Grapevine: A social news and discussion application similar to Reddit built with Rails, PostgreSQL, and JavaScript
- Airline Routes: An application built with React that allows users to view and filter airline routes
- Crossout: A task management application built with Ruby, Sinatra, JavaScript, jQuery, and Handlebars.js

Self Employed

Architect

Nov 2016 – Aug 2018

- Highlights of my work include Pod Mahal (Burning Man Festival '18) and the Singularity Festival of Learning (Yelahanka, Bangalore)

EDUCATION

Launch School

Full-Stack Development

2017 – 2019

Remote

School of Planning and Architecture

Bachelor of Architecture

2009 – 2015

New Delhi

SKILLS

- Node.js • Ruby • JavaScript(ES6) • Rails • SQL • PostgreSQL • Docker • DigitalOcean • Docker Swarm • React • HTML • CSS • Git