



Karthik Bhat

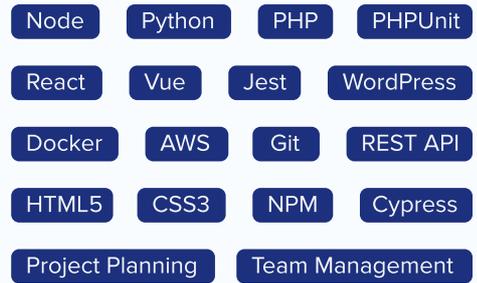
Software engineer

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Full Stack Engineer with 8 years of rich and qualitative experience in **Software Development** and **People Management**; ramping-up projects in time with quality as per best practices & guidelines across **Web, Mobile, Desktop Applications** and **Cloud Services** helping add **commercial value to the organizations** that utilize my **Leadership and Technical skills** to enrich my knowledge & professional growth.

SKILLS



ACCOMPLISHMENTS

- Slashed ~\$200K/year/website for 15+ websites by architecting, managing the development team and developing Cloudfusion - a modular Python + AWS docker orchestration tool to host WordPress websites.
- Reduced deployment time from 1.5 hrs to ~30 mins with Cloudfusion, and integrated CircleCI, saving more than 15 hours per month for build and deployment.
- Stepped up from Senior Software Engineer to Lead Engineer and to Engineering Manager within the 3-years timeframe to manage ~30 engineers with a variety of tech domains - News Technology Services.
- Led & integrated the team collectively contributing towards the effectiveness of project deliveries; for the outstanding performance, the team was awarded as Team of the Year 2019 - News Technology Services.
- Recognized & Awarded: Best Quality Award 2019, Employee of the Year 2018 - News Technology Services.
- Developed a Firebase management Desktop application with 50000+ downloads - Firebase Admin.

EXPERIENCE



Senior Software Engineering at Automattic Inc.

August 2021 - August 2022

- ▶ Helped designed and implement bespoke autoscaling solution with a queue-based custom algorithm using RabbitMQ and Python to interact with the Fly.io PaaS API for Jetpack Boost Premium service hosted on Fly.io.
- ▶ Suggested and implemented unit testing, load testing, and e2e testing for ease of development, code quality, maintainability, and product health for Jetpack Boost free and premium plugins.
- ▶ Architected logging system with NATs for effective communication between the microservices and Datadog Vector as an observability data pipeline.
- ▶ Streamlined development process by moving away from manual deployments and setting up CI and CD with development, staging, and production environments with GitHub actions and Fly.io API.



Manager, Software Engineering at News Technology Services, Bangalore

December 2016 - August 2021

- ▶ Created a docker hosting solution - Cloudfusion that hosts multiple News UK websites with irregular traffic with higher efficiency over legacy systems.
- ▶ Built a team from the ground up, took the responsibility to manage 2 more teams, collectively managing Infrastructure development and management, Editorial workflow management, WordPress websites, and Mobile Applications development, etc in three years.
- ▶ Upskilled multiple team members, Facilitated promotions, and transitions to other teams within the organization and handled overall team administration.
- ▶ Acquired knowledge in Legacy systems like Anthilpro to ensure the smooth operation of live projects and helped troubleshoot various production issues.
- ▶ Automated unit test execution, build, deployment, & functional testing to save development and QA time Introduced tools include Cypress, React Testing Library, Jest, PHPCS, PHPUnit, and CircleCI, etc.
- ▶ Conducted various coaching sessions across teams on topics like Docker, Advanced Javascript, etc.



Software Engineer at Campus Diaries, Bangalore

May 2016 - November 2016

- ▶ Successfully developed company Email Microservice using Laravel and SendGrid which delivers event-based and scheduled emails to around 2 million users.
- ▶ Developed a Drupal custom module to handle REST API consumed by company Web applications and Mobile applications.
- ▶ Created a Drupal custom module to index data from Mysql to MongoDB and Firebase which is used by Company's frontend applications.



Technical Lead at Ethinosoft Pvt Ltd, Bangalore

October 2014 - April 2016

- ▶ Led a team of 8 engineers, helped them learn various technologies, and grow as the company grew.
- ▶ Implemented Real-time location tracker and various other modules in an Education Management System.
- ▶ Launched an e-commerce website with 'Payumoney' and 'Delhivery' integration.
- ▶ Helped the company business to take off by achieving internal and client expectations.



Founder & Developer at KudlaKart, Mangalore

April 2012 - September 2014

- ▶ Started an e-commerce business for Mangalore city.
- ▶ Built the website using Drupal and WordPress frameworks, compared them for features, performance and usability, and implemented the better one.
- ▶ Implemented caching system, CDN services, Continuous Search Engine Optimization, and so on.
- ▶ Managed the project alongside my Education (BE).

OPEN SOURCE CONTRIBUTIONS



Greenlet WordPress Theme

<https://greenletwp.com> | <https://github.com/codefoxes/greenlet/>

Developed a WordPress Theme that scores 100/100 in the Lighthouse tool. Greenlet enables users to define unlimited layouts and utilize a visual style editor to apply styles for any part of the website. The Visual editor is added to the WordPress customizer and developed using React and a few Gutenberg components.

Tools: WordPress, React, Cypress, Lighthouse, Python, NPM, Rollup



Firebase Admin

<https://firebaseadmin.com> | <https://github.com/codefoxes/firebase-admin>

Developed a realtime Firebase Management Desktop Application (Mac, Windows, Linux).

The application is listed on Electron's official site: <http://electron.atom.io/apps>.

Tools: Electron, NodeJS, AngularJS, Mocha, Chai, StandardJS, Travis CI

EDUCATION

BE - Mechanical Engineering

Sahyadri College of Engg & Mgmt
Mangalore

Diploma - Mechanical Engineering

Karnataka Polytechnic
Mangalore

PERSONAL DETAILS

DOB: 9th April 1990

Languages: English, Kannada, Hindi

WordPress: profiles.wordpress.org/karthikbhatb

LinkedIn: <https://linkedin.com/in/karthikbhatb>

Github: <https://github.com/karthikax>

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