

Kaushik Sundar

Curriculum vitae

WORK EXPERIENCE

SEPTEMBER 2016 – PRESENT

Report Bee, Chennai

Senior Product Hacker

Software development for education sector: front-end in React and JQuery with Webpack as a build tool, backend written with Ruby on Rails, Python, NodeJS, MySQL, Redis & RabbitMQ. Worked on end to end software development including devops. Took additional responsibilities of Product design, Technology initiatives and development automation. Also got an opportunity to work with Image processing using OpenCV and Machine Learning with Tensorflow in one of the projects. Was involved in architectural decisions in one of the core projects - Reporting Engine.

SEPTEMBER 2015 – AUGUST 2016

Report Bee, Chennai

Junior Product Hacker

Software development for education sector: as a new comer, I got exposed to React and Ruby on Rails primarily. Took part of small feature enhancements and UI suit with React - a custom tailored UI library for building interfaces quickly. Have done some feature enhancement in Mobile app using React Native as well.

SEPTEMBER 2013 – AUGUST 2015

Tata Consultancy Services, Chennai

Assistant System Engineer

Software development for Telecom sector, worked for Verizon and Sprint clients. Was exposed to Java, J2EE, JUnit, Struts and Hibernate. Was mainly involved in writing test cases and to ensure product quality. Gained domain knowledge especially in Provisioning and Activation modules.

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EDUCATION

2013 **Computer Science & Engineering**

B.TECH — 8.07/10 CGPA

Pondicherry University, India

RECENT PROJECTS

2018 **Finance Manager (example.com)**

A pet project - manages your budget, expenses and investments in one place. Tech — firebase and ReactJS

2018 **Offline Digitization (reportbee.com)**

Process Handwritten answer sheets and digitize it with Image Processing and Machine Learning techniques. Used TensorFlow Object Detection library to create a model that detects objects in an image (question). Tech — OpenCV, Tensorflow and Python

2017 **Reporting Engine (reportbee.com)**

Designed and developed highly scalable and maintainable architecture to create & manage various types of reports like Report Cards, Consolidated Marksheets, Group school reports.. etc. Tech — ROR, MySQL, JavaScript, JQuery (rendering), Puppeteer (PDF generation), React & Redux (creation UI)

SOFTWARE SKILLS

GOOD LEVEL	Javascript, React, React Native, Shell scripting, Ruby on Rails, Puppeteer, MySQL
INTERMEDIATE	Python, NodeJS, OpenCV (python), Chef, Jenkins
BASIC LEVEL	Docker, \LaTeX , Tensorflow

OTHER HOBBIES OR INTERESTS

Philosophy, Human Physiology, Cubing (WCA Profile), Cycling, Badminton and Yoga