Kaushik Sundar
Curriculum vitae

Work experience

No. 2, 27th street, Avvai Nagar lawspet, Pondicherry - 605008 (India)

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⚡ https://stackoverflow.com/story/kaushiksundar

October 2020 – December 2021

XSEED Education, Chennai
Platform Optimisation Manager

Responsibilities: Constantly improving product application performance, Scrum Master, contribute to code & test frameworks to ensure quality of the product is high, peer code-reviews. Additional Responsibilities: Maintain the infrastructure and setting up monitoring tools - StackDriver & New Relic. Fluent with NodeJS, Vue, Flutter, Jest, Playwright, Postman, Kubernetes & Terraform and JIRA

December 2018 – October 2020

XSEED Education, Chennai
Senior Product Executive

A full-stack Javascript developer, involved in moving products to microservices architecture; responsible for managing the infrastructure and bringing in cost effective solutions to scale the system. Fluent with NodeJS, Vue, Flutter, Kubernetes & Terraform.

September 2016 – December 2018

Report Bee, Chennai
Senior Product Hacker

End-to-end software developer for products in the education sector. Fluent in product design, technology initiatives, and development automation. One of the lead architects of the Reporting Engine - the core software block of the company's product. Working on company's pet projects that uses image processing and machine learning using OpenCV and TensorFlow, respectively.

September 2015 – August 2016

Report Bee, Chennai
Junior Product Hacker

Novice software developer, worked primarily on UI feature enhancements. Developed a custom-tailored UI library for quick interface building using React. Familiar with mobile app feature-enhancement using React Native. Primary software used were React and Ruby on Rails.

January 2014 – August 2015

TATA Consultancy Services, Chennai
Assistant System Engineer

Software developer for the telecommunication sector, worked for Verizon and Sprint clients. Fluent in Java, J2EE, JUnit, Struts and Hibernate for unit testing. Gained domain knowledge especially in Provisioning and Activation modules.

Recent Projects

2020 XSEED SuperTeacher (Web | Android | iOS)
XSEED SuperTeacher App allows schools and parents to teach classes online or offline, our educational app has a curriculum with over 10000+ lesson plans. Tech | Flutter, GraphQL, NodeJS, MongoDB, MySQL, Postman, Terraform, K8s, GitHub Actions

2019 SAPCOM
A platform to generate offline Assessments (algorithm driven) for students. Also contains a repository of Questions. Tech | VueJS, Jest, NodeJS, MySQL, Puppeteer

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). Also built a chrome extension to debug the rendered reports.

Personal Skills

Education

2013 **Computer Science & Engineering**
B.Tech | 8.07/10 CGPA
Pondicherry University, India

Software skills & Methodologies

Good level
: Microservices, Javascript, VueJS, Vuetify, CSS frameworks, NodeJS, Shell scripting, Terraform, Kubernetes, Google Cloud Platform, MySQL, MongoDB, Flutter, GitHub Workflow (CI/CD), Docker, Firebase

Intermediate
: React, Python, Java, Chef, Ansible, GraphQL, Ruby on Rails, Jest, Playwright, AWS, Monitoring tools - Sentry, New Relic, Stack-Driver, Prometheus & Grafana

Basic level
: $\LaTeX$, TDD, Tensorflow, OvenCV (python), Helm

Other hobbies or interests

Cubing (WCA Profile), badminton, yoga and meditation