

PROFILE SUMMARY

4+ years of experience developing front-end and back-end systems. Experienced in creating multiple scalable applications using different tech stacks. Skilled at collaborating with team members to ship beautiful products within deadlines. Looking forward to solution-orientated opportunities.

TECHNICAL EXPOSURE

Languages: Javascript, Java, Python, C, Shell Scripting
Tools & Technologies: GCP (App Engine, Functions, Storage, Tasks), Firebase (DB, Authentication)
AWS (Lambda, SNS, RDS, EC2, EBS), Databases (MySQL, MongoDB, Redis)
Vue(Nuxt), React, Node(Express, TypeORM), J2EE(Spring, JPA), CSS, Git, Docker

EDUCATION

M.Tech, Computer Science	IIT, Bangalore	3.25/4.0	2014-2016
B.Tech, Information Technology	College of Engineering, Roorkee	73.74%	2010-2014

INDUSTRIAL EXPERIENCE

Sr. Full Stack Engineer Spext - spext.co , publish.spext.co	Spext Labs	Apr '18 - Present
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Spext is a leading product that helps edit Audio a lot faster than traditional tools

- Created many front-end & back-end modules for Spext Web App. Core modules include - User Authentication, **Pricing & Payment**, Team Management, **Secure Access Level (Admin, Read-only, etc)**
- Built a collaborative audio editor (similar to Google Docs) from scratch enabling audio editing via text**
- Architected & implemented a mechanism to sync document changes among online clients in realtime
- Executed a mini-project to run email campaigns based on User Segment(Inactive user, Abandoned cart, etc)
- Built a CI/CD pipeline for benchmarking & conducting e2e, unit & performance testing(mean latency, change in app size)
- Implemented multi-level caching for efficiency & snappy UX

Spext It - twitter.com/spext_it

- Built a **twitter bot** that transforms audio/video tweet into interactive transcript when mentioned in a comment.
- The bot consists of several AWS Lambda functions that work in tandem.

Full Stack Engineer PerfectPi - perfectpi.com	Jul '16 - April '18
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PerfectPi is a platform for brands/retailers to engage with their customers & understand the competitive landscape

- Implemented a user-driven **chatbot** for understanding user's fashion taste using Facebook messenger
- Built a **dashboard** comprising of tools to communicate with chatbot users strategically (demographics, time of day...)

Intern (Full-time offered)	Intel Technology India	Jan '16 - Jun '16
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- Converted existing block-based Demosaic unit in Intel processors to support frame-based operations in C++.
- Wrote Ruby scripts for generating configurations. [Intel Report](#), [What is Demosaic?](#)

PERSONAL PROJECTS

Sequence Game - sequence-play.web.app	Mar '20
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- Created a web version of the Sequence board game.
- Wrote game engine in Javascript(Node) & front-end in Vue. Used WebSocket for back-end communication.

Home Automation System - app.sanyamja.in , Demo Video	Oct '17
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- Built Alexa & Google Assistant integrated **IoT system** to control, schedule & automate lights & electronic devices.

Other self-motivated projects - [Remfo](#) (Tool to beat forgetting curve), [Need To Pay](#) (Deals Aggregator), [Recharge Plan Recommender](#), [Ask X](#) (Reddit for each webpage), [Ctrl+S](#), [Zoomcar Deals \(Unofficial\)](#), [Track Me](#), [Sarahah Clone](#)

ACADEMIC PROJECTS

Resource Allocation in a Distributed System	Jan '15 - Jun '15
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Guided by Prof. Shrisha Rao (CMU fellow, ACM Distinguished Speaker)

- Developed a system model to allocate resources in a distributed system using Cake cutting algorithms.

ACHIEVEMENTS

- Achieved 99.5 percentile in GATE 2014**
- Recipient of the esteemed MHRD scholarship by the Govt. of India
- Participated & won in many Hackathons. Winner of Winjit Hackathon, Stood 2nd/105 teams in Philips Hackathon, etc.
- Udacity Community Manager Bangalore for a year. Organized various events across Bangalore
- Presented many talks at multiple meetups. [What's new in Android Wear 2.0?](#), [Cloud](#), [Real-time Technologies & IoT](#), etc.