GURJAPPAN SINGH
Software Engineer

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ABOUT ME

Full stack developer **javascript** developer with over 7 years of experience. Adept in **advanced React, Typescript, NodeJS**. I have used **AWS** services extensively through-out my experience and have a good hold on **serverless architecture** as well. I love reviewing code and getting my code reviewed. Experienced in TDD, Agile methods, git and planning out a structured solution for every problem.

SKILLS

- Frontend: React, Redux, Typescript, Google-maps, SVG objects, CSS
- Designing: MaterialUI, Figma, Bootstrap
- Backend: NestJS, ExpressJS, Python(flask),
- Cloud: AWS (cognito, lambdas, ec2, fargate etc)
- Testing: Jest, pa11y for accessibilty testing, TDD
- Scripting: shell scripting, python
- Databases: DynamoDB, MongoDB, MySQL.
- Blockchain: Solidity, EtherJs, Infura

WORK EXPERIENCES

- SOFTWARE ENGINEER

  April 2022 - January 2023 | Cruise Automation / Procloz (Contractor)

  - Worked with a San Francisco based enterprise startup that has raised $15b in the autonomous car sector. One of the most active organisations working towards building autonomous vehicles as cabs.
  - Worked on the Customer support section of the company which is first point of human interaction for all the riders. A button from the car connects a specialist using the HALO app.
  - Used NestJS on the backend and React on the Frontend. Twilio for handling conferences. JEST for testing every feature since interacting with an actual vehicle while developing is hard. Storybook/Storycap for building/Testing UI components. Mapbox for showing the vehicles live location and other destination related features.

- SR. SOFTWARE ENGINEER
  December 2021 - April 2022 | Nagarro Software

  - Worked for a Fortune 500 client in Retail as a full stack developer for creating features for the rebuttal and fines wing of the company.
  - Used Javascript on the front-end as well as the backend to contribute to the project.

WORK EXPERIENCES

- SR. SOFTWARE ENGINEER

  November 2019 - November 2021 | Trantor software

  - Creating the front-end for a white-labeled enterprize level application for a leading insurance domain client
  - Setting everything from scratch, using react, typescript, and redux
  - Follow test driven developement with a domain driven architecture. Use pa11y for automated testing. Working with Mockups on Figma for different white label clients.
  - Using Docker for containerizing the application, setup bitbucket pipelines.
  - Work extensively with arch team in creating OAS v3 specs using stoplight.

- SOFTWARE ENGINEER

  January 2017 - November 2019 | BigBerry Media

  - Create an application to manage call centers
  - Using Python/Flask to build a backend for handling calls. Using CodeIgniter to render the app.
  - Setting up Asterisk which is a command line tool governing PBX systems for Linux based operating systems.
  - Create a JavaScript based softphone using Sockets
  - Design using HTML CSS, Bootstrap

OTHER PROJECTS / FREELANCE

- Volt AI (a ML powered start up providing smart security systems)
- Haulshare (worked full-stack for the app from scratch using expressJS on the backend and React w/ NextJS on the frontend.)
- Tenkys.ai (worked on d3js, high charts in building different graphs and charts)
- OVRT (Worked on a blockchain related startup for creating a simple smart contract for minting NFTs) Using EthersJS on the front-end with React to work with it.
- Experience in creating web scrappers and website automation using selenium, cypress, phantomJS, and beautifulSoup
- I have successfully installed Arch Linux and use it on a daily basis :D

EDUCATION

2011 - 2015 | CHANDIGARH ENGINEERING COLLEGE

Bachelor in Technology, Computer Science