

RAJAT SINGH

Full Stack Developer

As a Software Developer, I have 2 years of intense development experience in building complex end-to-end applications. Besides strong development experience, I have gained a deep understanding of Javascript as a language, its ecosystem, frameworks, and best practices.

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WORK EXPERIENCE

Full Stack Developer - SDE-1 Slice

08/2019 - Present Bangalore, India
A fintech company which is an online lending platform that offers financing services for young.

- **Developed full-stack web applications** that processed, analyzed, and rendered data visually, using **React-redux, HTML5, and CSS** ensuring high performance on Mobile and Desktop & its **deployment on AWS with CI/CD pipelines**.
- **Designed & developed an Access control service** that gives access to users with specific Roles & permissions rendering React Components on the web accordingly.
- **Restful API/Microservices design and development** using NodeJS, Express, and MongoDB.
- **Collaboration** with Backend developers, Frontend developers, Quality assurance testers, and designers as needed.
- Designed & developed a **Bulk Operation service** with React frontend that processes bulk data present in database simultaneously.
- Production releases/log monitoring/Writing Test cases/ **Bug resolutions**.
- Also worked on AngularJS, Typescript, Embedded Javascript, JQuery
- Key tools used: **Git, VSCode, Jira, Confluence, AWS, Kibana, Elastic search, Cloudinary, Opsgenie, Sentry**

Fullstack Bootcamp Mountblue Technologies

05/2019 - 08/2019 Bangalore, India
Work closely with high growth ventures to solve their entry-level tech hiring.

- Training in MERN stack - ReactJs, NodeJs, Html, CSS
- Deep understanding in Javascript/ES6+, JQuery, EJS
- Designed and developed Micro-services, based on NodeJs.
- Deployments on AWS, Heroku.

Software Developer Intern Lucknow Metro Railway Corporation

2 months
– Worked closely with the developers on designing an Android based application on java giving useful information to people who want to travel in the Metro.

ACADEMICS

Computer Science Engineering Jaypee Institute of Information Technology

2019 Noida, India
– Completed Bachelors in Engineering majored in Computer science with a first-class grade.
– I had published Two Research papers in International Conference on Contemporary Computing IC3 on projects based on Machine Learning techniques like SVM, and LSTM.

XIIth (ISC BOARD) & Xth (ICSE BOARD) City Montessori School, Lucknow

2014 92.2% / 90.2%
– Majored in Maths, Physics, Chemistry, & Computer Science

SKILLS

Javascript/ES6+

React-Redux

NodeJs

React-Saga

MySQL/MongoDB

Web

HTML5

CSS

AWS

Microservice

PROJECTS

URL shortener developed with ReactJs & backend in NodeJs & MongoDB

- Made Interactive UI using React JS, CSS, & Bootstrap compatible for Mobile as well & created Rest APIS to connect with database in MongoDB. Deployed through Netlify/Heroku. (**Git:** [Link](#) , **web:** [Link](#))

Clone of Myntra (E-commerce website)

- It was made with React-redux, HTML/CSS, with backend in express NodeJS & database in MongoDB with complete end-to-end authentication along with an admin dashboard.
- Tools used: Git, Heroku App, AWS, MongoDB Compass. (**Git:** [link](#))

Fatality Prediction using Machine learning techniques (2019)

- Created a multi-class classifier (SVM) that predicts the collision-type
- The dataset was taken from Pensylvania Traffic dataset 1995-2018
- It can be further utilised for predicting the fatality of the collision

Music Genre Classifier (2018)

- The Hybrid model of two classifiers namely SVM and LSTM Neural Networks was used.
- It classifies the genre of an audio into 10 Genres using this hybrid model.
- The dataset used was GTZAN containing 1000 songs, 100 from each genre.

ACHIEVEMENTS

Appreciated for the best performer in terms of fixing bugs and delivering new features efficiently.

Published a Research Paper (on IEEE) on the Project "Fatality Prediction using Machine learning techniques" in International Conference on Contemporary Computing IC3 2019 held at IIIT, Noida (2019) [🔗](#)

Published a Research Paper (on IEEE) on the Project "Music Genre Classifier using SVM and LSTM Neural Networks" in International Conference on Contemporary Computing IC3 2018 held at IIIT, Noida (2018) [🔗](#)

Got Certificate of Merit for attending training on Core Java and Android Application Development by NIIT , Lucknow. (2017)

INTERESTS

Coding

Guitar/Art

Blogs

UI/UX design