

# Vinay Kumar

Passionate MERN Stack & React Native Developer with experience in designing and developing user interfaces, testing, debugging and deploying web and mobile applications. Able to effectively self-manage during the independent projects, as well as collaborate in a team setting.

## Work Experience

### Software Developer Intern

Apr 2021 – Present

#### FIREWIRES SOLUTIONS

- Led the mobile app development team of 3 people to create the Firewires Smart Home App for Android and iOS.
- Planned, designed, developed & deployed the complete app from the ground up using React Native/Redux & Figma.
- Addressed complex issues in the mobile app like real-time IoT device updates using AWS IoT & Socket.io, and Geofencing-based device automation using Google Maps & Radar API.
- Integrated BLE device scan, Ticket based support system, Dark mode, Device Statistics and Device Manager in the app.
- Implemented alert system in the mobile app using Firebase Push Notifications and Notifee.
- Collaborated with the web team to develop a custom build platform for the clients to customize the microcontroller, cloud and app according to their needs.
- Incorporated inhouse APIs, AWS Amplify & Cognito to implement authentication, user management and device management.
- Worked closely with the CEO of the company, backend & microcontroller team to implement new features, optimize the existing features and troubleshoot the bugs & errors.

## Personal Projects

### Sneak Heads

Nov 2020 – Feb 2021

- A MERN stack E-Commerce web application for sneakers.
- Frontend: React, Redux, React Bootstrap, and JSON Web Tokens.
- Backend: NodeJs, ExpressJs, MongoDB, Mongoose.
- Payment: PayPal API
- Deployment: Heroku

### Nature Tours

July 2020 – Oct 2020

- A Server Side Rendered website and REST API for a fictional Nature tours company.
- Frontend built using Pug templating engine.
- Backend: REST API built using Node, Express, MongoDB & Mongoose ORM, and developed on Heroku

### Budgetify

Mar 2020 – Apr 2020

- A web application for tracking income and expenses. It also has user authentication features.
- Frontend built using React, React Hooks & Context API.
- Backend: Firebase Realtime Database & Firebase Authentication.

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 [vinay-dev.netlify.app](https://vinay-dev.netlify.app)

## Education

### BTech: Information Technology

#### JSS Academy of Technical Education

July 2018 – May 2022

CGPA: 8.67

### Senior Secondary (XII), Science

#### KV IFFCO Phulpur, Allahabad

Year of completion: 2017

Percentage: 87.20%

## Skills & Competencies

Frontend Development

Backend Development

Android | iOS Hybrid Apps

Development

REST & GraphQL API Integration

Responsive Design

Critical Thinking

Problem Solving

Team collaboration

## Tools & Technologies

HTML | CSS | Sass | Material UI

Javascript | ES6+

ReactJS | Redux | Redux-thunk

React Native | React Hooks

Node Js | Express Js | MongoDB

AWS Amplify | Cognito | DynamoDB

Firebase Services | Figma

Git | GitHub | GitLab

VS Code | Xcode | Android Studio

## Interests

UI/UX | Technology | Anime |

Movies | Travel | Badminton | Video

Games