



ABHINABA SADHU

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## SUMMARY

Full Stack Developer with a strong desire to explore and excel in the software realm. Dedicated to continuous learning and adept at adopting new technologies for creating forward-thinking and robust software solutions. Passionate about innovation and committed to crafting sustainable software applications. Proficient in a wide array of technologies including,

- |              |                     |                   |
|--------------|---------------------|-------------------|
| • JavaScript | • React JS          | • Flask framework |
| • Python     | • React Native      | • MySQL           |
| • Node.js    | • Expo Framework    | • AWS DynamoDB    |
| • TypeScript | • GCP               | • AWS Lambda      |
| • Express    | • Google Data Store | • Jira            |
| • MongoDB    | • Google App Engine | • Git             |

## EXPERIENCE

### Full Stack Developer at Appogee HR

(Feb 2022- present)

Full Stack Developer specialising in agile methodologies, with a focus on crafting innovative solutions within the realm of SaaS products.

Utilising a robust tech stack of Python, JavaScript, Handlebars, MySQL, and Google Datastore.

Extensive use of Google Cloud Platform, particularly Google App Engine. Proficient in orchestrating end-to-end development cycles, collaborating with Circle-CI for streamlined deployment and testing. Recent achievements include delivering significant full stack features with expertise in both backend and frontend contributions.

Key Accomplishments:

- Led custom intra-organizational social media timeline development with JavaScript, Python and GCP.
- Enhanced frontend with JavaScript, introducing features like infinite scrolling and CK-Editor
- Created first mobile app using React Native, boosting customer acquisition and market reach.
- Optimised mobile compatibility and managed app deployment on Google Play Store and Apple App Store.

- Designed access controls, introduced feature toggle mechanism, and contributed to refining JavaScript Model-View-Controller system.
- Integrated with Xero Timesheets.

### Junior Software Developer at IfancyThat

(Sept 2021- Jan 2022)

Developer adept in ReactJS and JavaScript for frontend, and typescript, express for backend Node JS with MongoDB. Experienced in deploying on AWS EC2 servers. Engaged in end-to-end application development, spanning from frontend to backend. Also involved in creating new websites for the same umbrella company. Successfully launched a hotel booking website with technologies like React, Node.js, MongoDB, Express, HTML, and CSS, hosted on AWS EC2 — aiming for a booking.com experience.

Key Accomplishments:

- Created a secure backend with express framework using typescript as a language.
- Created the front end with React JS using hooks and states.
- Successfully Integrated with Amadeus and Travelport, which had two separate data formats in XML and JSON.
- Endpoints to service the mobile app for the website.

- Authentication with Google and Microsoft accounts to create sign in procedures on the website.

### **Intern at Leaseum Services (April- Sept 2019)**

Focused on frontend development, creating new components, and managing MySQL database entries. Gained a strong understanding of PHP MVC platform and ecommerce dynamics.

#### **SKILLS:**

Programming Languages:

Python, JavaScript, TypeScript

Frontend Technologies:

React JS, HTML, CSS

Backend Technologies:

Node.js, PHP, Java, Spring

Database Management:

MongoDB, MySQL, Google Datastore, DynamoDB

Cloud Computing:

Google Cloud Platform, AWS (EC2, DynamoDB, Lambda, API Gateway)

Continuous Integration:

Circle-CI, Jira, Git

Mobile App Development:

React Native

Web Services:

AWS services (Comprehend, Sage Maker)

User Experience Optimization:

Harmonizing backend and frontend technologies, security implementation

#### **ACHIEVEMENTS:**

Application Deployment:

Successfully deployed applications on Google App Engine and AWS EC2 Servers.

Managed app deployment on Google Play Store and Apple App Store.

Frontend Development:

Led the creation of custom social media timelines with infinite scrolling.

Built a Mobile App in React Native and successfully deployed on Google and App Stores.

#### **INTERESTS**



POOL



TRAVEL



MUSIC



GAMING

#### **Backend Development:**

Created Auth processes for user verification using the mobile App like MFA in python.

Crud Actions and Integrations with 3<sup>rd</sup> Party with Nodejs and Python.

Deployed the Hotel Website on AWS EC2 servers. Integrated CK-Editor library and other JavaScript libraries.

#### **Feature Development:**

Spearheaded feature toggle mechanisms for personalized user experiences.

#### **Team Collaboration:**

Managed and led teams in various organizations, resolving disputes and managing events.

#### **Adaptability:**

Successfully transitioned between jobs for better opportunities, adapting to new workplaces.

#### **Communication:**

Effectively communicated daily task briefs to managers and team members.

#### **EDUCATION**

#### **BSc Computer Science Middlesex University (Sept 2018- May 2021)**

Created a Gaming website using HTML, CSS, JavaScript library. Developed an e-commerce website with PHP, JavaScript, and MongoDB.

Designed a Reflex game with python. Constructed a Price

Comparison Website with Java Script, Java, Maven, Spring, Heidi SQL. Developed a Data Visualization Website with TypeScript, AWS DynamoDB, Lambda functions, Sage Maker, AWS Comprehend, WebSocket, JavaScript, HTML, Plotly JS.

GPA- 2.1

#### **Portfolio:**

I have worked on multiple personal projects which can be accessible on the link below.

<https://abhinabasadhu.github.io/portfolio>