

Suraj Mandal

Full Stack Software Engineer

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EXPERIENCE

Pointo, Hybrid — *Lead Full Stack Engineer*

APR 2020 – SEP 2021

- Developing and maintaining a robust Admin Dashboard, which provided seamless management of day-to-day operations.
- Enhancing the performance of the Nodejs backend, leading to the improved overall functionality of the platform.
- Designing user-friendly interfaces for the customer-facing app, which greatly improved the user experience.
- Implementing an effective Operations Management Dashboard, streamlining internal processes, and optimizing workflow.
- Tech Stack Used: Angular, React, NodeJS, MySQL, Firebase, DynamoDB, AWS lambda.

Art Fervour, Remote, Part-Time — *Product Developer*

OCT 2020 – APRIL 2021

- Creation and Updating of Custom Forms & Mini-Games to Enhance Marketing Reach and Engagement: Designed and updated custom forms and mini-games that boosted engagement and marketing reach, resulting in improved ROI and customer satisfaction.
- Website Maintenance & SEO Optimization: Maintained the main website to ensure its up-to-date and fully functional state, while conducting regular SEO and hygiene checks to optimize website performance, leading to better user experience and search engine ranking.
- Analytics & Reports Generation: Utilized Google Analytics data to generate insightful analytics and user reports, tracking progress and measuring the effectiveness of marketing strategies, allowing informed decision-making and continuous improvement.
- Marketing Games & Quizzes Development and User Tracking: Developed engaging marketing games and quizzes, incorporating analytics and user tracking to assess their success and optimize for future campaigns.
- Tech Stack Used: Javascript, React, NodeJs, Google Sheets, Google Analytics, MailChimp, UI/UX using Figma.

PROFESSIONAL SUMMARY

I'm a software developer with **three years of experience** creating responsive & interactive user experiences.

I'm experienced with design research, databases, cloud infrastructures, agile project management, and continuous software development life cycle.

SKILLS

Languages: Javascript, Sass, Shell, Python, C++, Java, DML

Databases: MySQL, Firebase, DynamoDB, Redis, MongoDB

Frameworks: AngularJS, React.js, NextJS, Express

Tools: Git, Vi/m, Jira, Datagrip, Bash, Postman

CI/CD: Jenkins, Github Actions, Gitlab, TravisCI

Cloud: AWS, Azure, GCP, Oracle Cloud, Vercel, Netlify

Soft Skills: Project Management, Technical Writing, and Designing Multiplatform Themes

Design skills: Wireframing, Interface Design, and Prototyping using tools such as Figma, Miro & Sketch.

PROJECTS

Gtk Theming Guide (2017)

A comprehensive guide to creating GTK themes for modern desktop environments. The guide provides a detailed and easy-to-follow approach to designing and implementing GTK themes.

[bit.ly/gtktg]

Elementary X (2018)

A beautifully crafted GTK theme for Elementary OS, showcasing technical proficiency and design skills. Developed with attention to detail and a passion for open-source projects.

[bit.ly/elemx]

Vscode Remix Theme

A visually appealing dark theme for the Visual Studio Code editor designed to enhance the coding experience.

[bit.ly/vsremix]

Covid 19 Tracker

A Covid-19 tracking application built with Angular.

[bit.ly/cvd19tkr]

Elegant SDDM

SDDM theme that goes with KDE Desktop Environment. Written in QML.

[bit.ly/elgsddm]

Potato Dark Theme for GoHugo

Dark and elegant blog theme for Hugo static site generator.

[bit.ly/pttodrkr]

Slate Theme for Ubuntu

GTK Mac-like theme for a cleaner and flat-er look.

[bit.ly/sltthe]

Dolash

A utility library like Lodash that simplifies small tasks for developers.

[bit.ly/dlnpm]

OTHER

Languages – English (IELTS 7.5), Hindi, Bengali (Native)

EDUCATION

Humber College, Toronto, Ontario — *Cloud Computing OCGC*

JAN 2023 - SEP 2022

Course units: Operating Systems, Virtualization, Software Defined Network, Application Programming, Databases, Project Management, Cloud Solution Architecture, Cloud Security, Automation, Big Data Analytics, DevOps for Cloud Computing.

WBUT, Online, India — Master of Computer Applications

SEPT 2020 - AUG 2022

Study areas: Databases, Algorithms, Computer Organization, Programming, Software Development.

WBUT, WB, India — Bachelor of Computer Applications

SEPT 2017 - AUG 2020

Study areas: Programming and Design of Software products.

CERTIFICATIONS AND PARTICIPATIONS

IELTS, Overall 7.5

10/JUL/2021

International English Language Testing System
Listening 7.5, Reading 7.5, Writing 6.0, Speaking 8.0

HTS Mini Hackathon

27 JAN 2023

Participated in our first-ever hackathon organized by our college.

HackerRank

Hackerrank.com

Javascript & ReactJS Certifications