Srijan De

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Work Experience

Juspay Technologies Pvt Ltd   04/2022 – Present
Software Engineer   *Bangalore, India*

- Spearheaded the resolution of payment challenges for **D2C brands**, achieving a 95% success rate through the implementation of a streamlined **1-click checkout** solution.
- Orchestrated the integration of multiple **SMS** service providers including **Gupshup, Exotel, and MyValueFirst** to mitigate user drop off on the login page, enhancing user engagement and retention to 99%.
- Architected a highly scalable, modular system utilizing **Haskell type/class** to seamlessly integrate multiple D2C platforms; achieved 40% reduction in development time while enhancing adaptability to evolving business needs.
- Developed and executed a highly innovative **offers module** within the Payment SDK, enabling seamless cross-platform functionality and empowering merchants with **promotional capabilities**, resulting in a 40% increase in average transaction value and a 20% boost in customer retention.
- Implemented **robust encryption** algorithms, such as **KMS** and **AES**, to enhance database security, ensuring data integrity, scalability, and alignment with industry best practices; reduced potential security breaches by 40%.
- Led a high-performing team in delivering a comprehensive **one-click checkout** solution to **WooCommerce** merchants, encompassing all essential functionalities and ensuring a seamless user experience.
- Executed a backend migration to **Haskell**, significantly improving 30% system performance and adhering to **functional programming** best practices, resulting in enhanced reliability and maintainability.
- Added support for **Haskell code generation** utilizing **openapi specifications**, reducing development efforts by up to 60% through automated type generation and basic query creation.

CogniSaaS   10/2021 – 04/2022
Software Engineer Intern   *Bangalore, India*

- Spearheaded the design and implementation of high-quality, scalable features and enhancements across both front-end and back-end of the web application.
- Independently developed major features including **Single Sign-On (SSO) authentication** and seamless **subdomain integration**, contributing significantly 70% increase to **user experience** and platform functionality.

Education

Jalpaiguri Government Engineering College   Jalpaiguri, West Bengal, India
Bachelor of Technology in Information Technology - DGPA: 8.5   *2018 – 2022*

Technical Skills

Languages: C/C++, **Haskell**, Python, PureScript, TypeScript, SQL.
Frameworks: **Django**, **Svelte**, React, Vue Js.
Developer Tools: PostgreSQL, Redis, Git, AWS, Docker, Jenkins, Postman.

Projects

Yourhaat.com | *Django, Django Rest Framework, Vue Js, TypeScript, Docker, Jenkins etc.*

- Created an **online marketplace** facilitating direct connections between customers and business owners, eliminating reliance on third-party intermediaries.
- Established robust **session management** to increase 60% system performance and secured backend API's using **JSON Web Tokens**, ensuring 100% data integrity & user privacy.
- Seamlessly integrated **Razorpay** and **Paytm** Payment Gateways, enhancing transactional capabilities and ensuring secure payment processing for users.

CodingLadders.com | *HTML, CSS, JavaScript, PHP, MySQL, Codeforces API.*

- Crafted a **problem recommendation platform** for competitive programming with **7000+** users.
- Methodically categorized and sorted problems based on their respective difficulties, streamlining the user experience and facilitating targeted practice sessions for individuals of varying skill levels.

Activities & Achievements

- Attained a peak rating of **1964 (4 stars)** on Codechef and reached a rating of **1655 (Expert)** on Codeforces.
- Solved over **1000** competitive programming problems and participated in multiple **open-source** competitions.