Shuvendu Dhal

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EXPERIENCE

PayPal, Financial Technology Company — Chennai, India
Software Engineer 2 (Full-time) — *Jan 2023 - Present*

- **Shipping Domain**: Contributed to the seamless generation of shipping labels through third-party integrations.
- **Invoicing Domain**: Leading developer for live preview generation for merchant invoice, seen 5% improvement in conversion rate.
- **Performance**: Reduced page load time by 20% leveraging webpack, and other dependency optimizations.
- **Apple Pay**: Contributed to Apple Pay integration on Invoicing Products.
- **Impact**: Yearly revenue boost by 50M+, inter-service latency improved by 40%.

Passionate Solver Technologies, IOT Software Solution Product Startup — Kolkata, India
Software Engineer (Full-time) — *Sept 2021 - Jan 2023*

- **Aggregator for IOT-Water** : Build micro-services in nodejs to aggregate IOT water data.
- **REST API for IOT-Dashboard**: IOT data processed and converted to API interface.
- **Server Provision and Migration**: AWS EC-2 provisioning, deployment of services, and migration.
- **P2P Site Connection**: With Wireguard done site to site connectivity for remote managements.
- **Link**: Tech Writing on P2P Setup

Xoriant Solutions Pvt ltd, Leads in Product Development/Consulting Services — Pune, India
Associate Software Engineer (Full-time) — *Nov 2020 - Sept 2021*

- **Disk Clean Service**: Created spring boot micro-service to clean up old files based on schedule and file status.
- **Service Discovery**: Enabled service discovery with Netflix Eureka to add/remove micro-services dynamically.
- **Impact**: Improved server performance and uptime of services by 30%.
- **Link**: Tech Writing on Service Discovery

SKILLS SUMMARY

- **Languages**: JavaScipt, Java, C++
- **Frameworks**: ReactJS, NodeJS, Spring Boot
- **Tools**: Git, Nginx, Kafka
- **Platforms**: Linux, Web, AWS
- **Soft Skills**: Leadership, Blogging

EDUCATION

University of Calcutta — Kolkata, India
Bachelor of Technology - Information Technology; GPA: 8.97 — *August 2016 - August 2020*

Relevant Coursework: Courses in software engineering, programming languages, computer networks, operating systems, and software architecture.

PROJECTS

- **Open Source Contribution - p2p-deploy**: Build and publish npm package for running ci/cd command securely from the client machine to the server. The output of the commands is shown on the client side in real-time. Only leveraging node js built-in modules.
  Link : npmjs.com/package/p2p-deploy

- **Reservation and food booking with WhatsApp Chat Bot**: Build on Twilio, integrated with reservation platform using cloud functions. The cafe could book and manage bookings through an interactive dashboard. Boosted revenue by 30%.
  Tech : Twilio, NodeJS, Cloud Function, Firebase, React
  Link : Cafe Dashboard

- **Web3 Blood Bank**: The new generation's blood bank, powered by the Ethereum blockchain built with solidity. Blood bottles can be tracked from their origin to the end-user with blockchain power and its security keeping all data safe and immutable.
  Tech : Solidity, React
  Link : shuvenduoffline.github.io/bloodbank/

PUBLICATIONS

- **Paper on Web3 Decentralize Application**: (Work in Progress) Blockchain-based framework for document sharing, preserving, and verification using ethereum blockchain.

HONORS AND AWARDS

- Copyright in Web3 dApp solution - January, 2021