Divyanshu Shekhar

Software Engineer (Full-Time)

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EXPERIENCE

UndrAds — Gurgaon
Founding Engineer — *July 2024 – August 2025*
- Built a high-performance ad serving system using Prebid, Amazon, and Google Ad Manager, handling over **1 billion daily ad requests with 900ms response time**.
- Developed a mediation **SDK for mobile apps** with dynamic ad serving through Google AdMob integration.
- Automated campaign workflows and real-time bidding logic to optimize revenue without adding latency.

GoComet — Bangalore
Backend Developer — *January 2024 – July 2024*
- Led and developed analytics dashboard using the ADA stack (Airbyte, DBT, Airflow), saving **60% of time.**
- **Increased leads by 30%** through innovative SEO and targeted ad campaigns, aligning with business goals.
- Researched target customers, refining strategies with stakeholders.

Listed Inc. (OpenInApp) — Bangalore
Backend Developer Intern — *October 2023 – January 2024*
- Optimized REST APIs and MySQL Database to increase the efficiency of API calls by 90%.
- Improved payment gateway system by 40% using Razorpay SDK and webhooks.
- Promoted adoption of **Docker** and **db migrations**, resulting in a **60%** improvement in deployment processes.

PROJECT EXPERIENCE

DemonOS [Assembly, C, Makefile, Shell, Qemu] — July 2021
- Implemented key system components including Interrupt Descriptor Table (IDT), Global Descriptor Table (GDT), Programmable Interrupt Controller (PIC), and A20 line with a focus on switching from real to protected mode.
- Leveraged Makefile and Shell scripting to compile and build executable files, and created .iso files for distribution.
- Utilized Qemu for effective debugging and testing of the operating system.

DevScript [Golang] — April 2023
- Built a fully functional interpreted programming language from scratch.
- Implemented core features including AST generation, expression parsing, and function execution.
- Wrote comprehensive test cases covering tokens, literals, expressions, statements, and function logic.

Workflow Reporter : Streamline failed workflow [Typescript, Probot, GitHub API, Postman] — January 2022
- Used GitHub Developer REST API to fetch Pull Request and Failed Actions data to use it as custom messages.
- Used Docker Compose for multi-container, load balancing, and fault tolerance, increased efficiency by 90%.
- Deployed to Heroku with over 50 subscribed customers, resulting in successful implementation and adoption.

Flexboard : React component library for re-sizable sidebars [React, Typescript] — November 2022
- Led the team, set up the project structure, integrated continuous integration & deployed to NPM registry.
- Achieved outstanding community popularity with more than 300 GitHub stars and 100 weekly NPM downloads.

ACHIEVEMENTS

- **Hult Prize 2022 On-Campus Winner**: Won 1st Prize, for creating a student connectivity app.
- **AWS Academy Graduate - Cloud Semester 1**: Hands-on experience in EC2, S3, CloudFront, RDS, & IAM.
- Solved more than 500 **LeetCode** and Data Structure and Algorithm (DSA) Questions.

SKILLS

- C/C++ | Java | Python | JavaScript | Dart | Go | TypeScript | Shell | SQL | MongoDB | Redis
- Prebid | React | Redux | Flutter | Node | Express | Angular | Flask | Django | Linux | Git | Scrum | AWS | Docker
- Software Development | Design Pattern | Microservices | Distributed Systems | Frontend | Backend | Full-Stack
- English, Hindi - *All professional proficiency or above*

EDUCATION

Kalinga Institute of Industrial Technology (KIIT) (BTech CSE) — Bhubaneswar, Odisha
Graduate, CGPA 9.0 — *2020 – 2024*