Vishesh Dugar

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BIO

SDE at ION Trading. Working to bring a one-stop scalable solution to Compliance and Risk Intelligence for our clients. Proven ability to solve complex problems, improve operational efficiency, and deliver impactful features in a fast-paced environment

EDUCATION

Vellore Institute of Technology	**B.Tech in Computer Science**	GPA: 8.4	September 2020 – August 2024

TECHNICAL SKILLS

Frameworks & Libraries: Node.js, Express.js, React.js, Next.js, React Native, Jest.js, Flutter
Development Languages: C++, Java, JavaScript, Typescript, HTML, CSS, SQL, Dart, Python, Solidity
Databases & Caches: DynamoDB, MongoDB, MySQL, PostgreSQL, Redis, Hive, Cockroach DB
Technical Tools: AWS, Terraform, Jenkins, Docker, Fastly CDN, Firebase, Google Cloud, RabbitMQ, GitHub, Postman

EXPERIENCE

Software Engineer | ION Trading
- Designed and Implemented solutions for ION's Compliance product: **KYC6** using tools like **React.js** & **Node.js**.
- Provisioned infra on **AWS** using **Terraform**. Performed On-call support and Operational duties using tools like **Datadog, Pingdom,** and **PagerDuty** for resolving P1 issues, p95 latencies, etc.
- Developed Job pipelines in **GitHub Actions** and **Jenkins**. Optimized existing PR-check pipeline to be **10% faster**.
- Developed a working prototype of an Automated Hiring solution using **Lever** in **24 hours** in an Internal Hackathon which has been upgraded to Production usage.

Software Engineer Intern | Camp Yellow
- Spearheaded development of a **Flutter** Mobile App using **Firebase** and **Flame**.
- Monetized the App using Google Ads leading to Revenue Increment of 180%.
- Increased User Retention by 30% by analyzing user activity data and implementing Content and QoL changes.

PROJECTS

Code:Star | *Flutter, Node.js, Express.js, Firebase MLKit, MongoDB, Polygon* | [Demo](#) | [GitHub](#)
- Built an application to overcome disadvantages faced by Dyslexic Students.
- Allows generation of Audiobooks from Text extracted from uploaded images using MLKit.
- Tests Users on their cognitive skills with specially designed exams.

Code:Aegis | *Flutter, Firebase, Google Maps, Twilio, Agora* | [Demo](#) | [GitHub](#)
- Implemented a Flutter Application that allows Individuals suffering from Domestic Abuse
- Disguises requests as Pizza orders and decodes them while transmitting.
- Features include GPS Tracking, Video Broadcasts, Programmed Voice Calls, etc.

AWARDS AND CERTIFICATIONS

MLH: 5 Time Hackathon Winner along with Sponsor Tracks of Google Cloud, goDaddy, Twilio, Agora
Flipkart GRiD 5.0: Top 1% among 400,000 Participants
TwilioQuest: Won Top5 in a blitz organized by Twilio
PowerToFly Global Hack: Best *Diversity and Inclusivity* Hack
Treasure Hacks 3.5: 3rd Place in *Blockchain* Track with Sponsor Track of *Cockroach Labs*
[AWS Certified Cloud Practitioner](#) (Present –May 2027)
[AWS Certified Solutions Architect Associate](#) (Present – May 2027)