### **Tharun Marella**

### **Full Stack Developer tharunmarella@duck.com**

### **Professional Experience**

#### **Full Stack Developer, Freddie Mac** *Aug 2022 – Present*

* Designed workflows and custom production support tools in collaboration with cross-functional teams.
* Developed 5 UI projects using Angular, Spring Boot, and Node.js, achieving a 30% boost in user engagement.
* Transitioned existing systems to microservices architecture and greenfield design patterns.
* Leveraged AWS services (EC2, S3, RDS, Lambda) for scalability and optimized performance.
* Built scalable and reusable UI components with React and Next.js, improving SEO and application performance.
* Implemented styles using TailwindCSS and ensured compatibility with PostCSS.
* Deployed Kubernetes clusters supporting CI/CD pipelines with Jenkins.

#### **Software Development Engineer, Techions LLC** *Dec 2021 – Jul 2022*

* Prototyped and developed full-stack web applications with Angular, Node.js, and MongoDB.
* Automated workflows and processes, leveraging AWS services for resilience and scalability.
* Enhanced backend integration using Prisma for database schema management.
* Delivered maintainable solutions using TypeScript, ensuring reliable code quality.

#### **Full Stack Engineer, GoOffer Hyperlocal Pvt Ltd** *Jun 2018 – May 2019*

* Engineered data visualization dashboards and price comparison engines with Angular and Python.
* Designed microservices to deliver real-time insights and high-performance APIs.
* Streamlined development processes with scalable architectures and AWS services.

### **Skills**

* **Languages:** TypeScript, Java, JavaScript, Python, PHP
* **Frameworks and Libraries:** React, Next.js, Angular, Spring Boot, Ionic, Node.js, Auth.js
* **Styling:** TailwindCSS, PostCSS
* **Web Technologies:** HTTP RESTful Services, API Integration
* **Cloud Platforms:** AWS (EC2, S3, RDS, Lambda), Kubernetes, Docker
* **Database and ORM:** MongoDB, Prisma, DynamoDB, MySQL
* **Tools:** GitHub, Jenkins, Postman, JIRA

### **Education**

**Master’s in Computer Science**California State University, Fresno | May 2021

**Bachelor’s in Computer Science**K L University | May 2019