Akshit Dayal Uttiramerur
Software Engineer

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Skills

- Python | Java | JavaScript | TypeScript | C++ | C | C# | React | Angular | SQL | Node | Flutter | Riverpod | React Native | Next.js | Supabase
- Git | HTML | CSS | Tailwind CSS | PostgreSQL | UI/UX | Android | NestJS | Jira | Ruby | NoSQL | jQuery | GraphQL | AWS | GCP | Azure
- CI/CD | Jest | Unit Testing | OOP | RESTful API | Data Structures | Algorithms | iOS | Redux | Express | Vue | Linux | MongoDB
- Microservices Architecture | Cloud Computing | Frontend | Backend | Full-Stack | Confluence | Kafka | Ansible

Experience

Full-Stack Developer — Andhus Technologies — Remote, USA — 07/2023 - Present

- Led a full-stack development team in delivering a customer portal, resulting in a 25% improvement in overall customer satisfaction within six months using latest technologies of **Azure, React, Next.js, Angular and Node.js**.
- Implemented responsive design principles, leading to a 25% improvement in mobile user satisfaction and a 15% increase in web traffic.
- Led the migration of a legacy system to a modern tech stack, integrating React for the front-end and NodeJS for the backend, resulting in a 25% improvement in page load and data retrieval times.
- Increased customer engagement by 30% by implementing personalized customer experiences using **Salesforce Commer Cloud** Einstein.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

Software Development Engineer — BuzyGo — Hyderabad, India — 01/2021 - 12/2021

- Led the development of a customer portal using **React**, **Angular**, **AWS**, and **Django**, resulting in a 25% increase in customer satisfaction.
- Achieved a 30% reduction in post-release defects by implementing comprehensive unit test strategies and ensuring stability.
- Reduced feature implementation time by 25% by collaborating seamlessly with the backend development team in an agile environment.
- Managed version control using Git, resulting in a 20% reduction in code conflicts and ensuring an efficient development process.

Software Engineer — Xlenz — Hyderabad, India — 01/2020 - 12/2020

- *Reported directly to CEO:* Designed and led cross-platform mobile application development for an Augmented Reality based startup, driving productivity rate up by 50% using **React Native, Node.js, Flutter, Redux** and **SQL**.
- Optimized user interactions with data and reduced search time by 60% by adding persistent sorting and filtering features.
- Reduced debugging time by 50% by writing modularized and structured app components.
- Designed CI/CD pipelines using Jenkins, leading to a 50% reduction in deployment time.
- Integrated REST APIs using Node.js, accelerating data retrieval, resulting in a 12% improvement in API response times.

Education

Master of Science — New Jersey Institute of Technology — Newark, NJ, USA — 01/2022 - 12/2023

- Major in Computer Science: Data Structures, Algorithms, Machine Learning, Deep Learning, Cloud Computing, DBMS. **GPA: 3.8**

Bachelor's in Computer Science — Jawaharlal Nehru Technological University — Hyderabad, India

Projects

- **Real Among Us:** Creator of a live version of the popular game "Among Us" for players to play in-person (Angular, Firebase) **(09/2022)**
  Link: **akrypt.github.io/amongus_real**
- **Handpose:** Integrated a hand sign detection Machine Learning Model into a React website to detect the user's hand signs **(11/2021)**
  Link: **akrypt.github.io/handpose**
- **Toastmasters App :** Digitalized Toastmasters meetings using Android Studio for an audience of 40+ members **(07/2019)**
  Link: **github.com/AkRypt/HITAMToastmastersApp**
- **Venue Booking App:** Built a mobile app to facilitate venue bookings, reducing event collision to 0% at HITAM **(08/2019)**

Certifications and Courses

- **Neural Networks and Deep Learning**: *DeepLearning.AI*
- **Intermediate Machine Learning**: *Kaggle*
- **Machine Learning Specialization**: *Coursera, by Andrew Ng*
- **Python for Data Science, AI and Development**: *Coursera*

Others

- **Winner, Hackathon**: Won 1st prize for the development of a toxic plant classifier at NJIT using Deep Learning **(11/2022)**
- **Mozilla Hackathon Winner**: Won 1st prize for building a platform connecting the students and teachers at HITAM **(11/2019)**
- **Organizer, Student Council**: Organized and secured sponsorships for 10+ college and community events
- **Computer Science Tutor:** Programming | Data Structures and Algorithms | Artificial Intelligence | Android Development