Praven Moorthy

501-442-0311 | Conway, Arkansas | contact@pravenmoorthy.com | Portfolio | LinkedIn | GitHub

TECHNICAL SKILLS

Language: Java, Python, Dart, C++, Typescript, JavaScript, HTML, CSS, SQL

Tools: Flutter, React Native, React, Angular, Node.js, Next.js, iOS, Android
Docker, GitHub Actions, Kubernetes, TensorFlow, Scikit Learn, Jupyter Notebook

Database: MySQL, PostgreSQL, MongoDB, Firestore, Realtime Database

Cloud: Google Cloud Platform *(GCE, Cloud Storage, Cloud Functions, Cloud Run, Remote Config, Cloud Messaging)*
Amazon AWS *(EC2, S3, RDS, Lambda, API Gateway, Dynamo DB)*

EXPERIENCE

Full-Stack Software Engineer   August 2023 - Present
Self Employed   *Conway, Arkansas*

- Spearheaded the creation of Case Tracker app, achieving over 40,000 users and maintaining a 4.8/5 rating from over 3,000 reviews within the first five months of launch.
- Implemented scalable backend architecture services using AWS API Gateway with Lambda, Python, and Docker, enhancing overall system reliability to accommodate continuous user growth and increasing demand.
- Designed and developed a robust retry queue-based Python API for real-time updates, boosting user engagement and retention by 30%.
- Integrated a user feedback mechanism that collected actionable data, resulting in a 25% increase in positive user reviews.
- Deployed CI/CD pipeline using GitHub Actions to automate testing and deployment, ensuring faster and reliable software releases.

Full-Stack Software Engineer   December 2015 – Present
Detco Industries LLC   *Conway, Arkansas*

- Engineered cross-platform solutions with Flutter and Angular with Typescript, tailored to streamline operations and fortify sales strategies, directly impacting management and sales team efficiency.
- Collaborated with the CEO and stakeholders to gather and define system requirements, ensuring alignment with business goals, resulting in an increase in operational efficiency.
- Designed and executed instant communication and data-sharing systems, significantly enhancing sales productivity.
- Created an intuitive web app dashboard that enabled real-time monitoring of sales and performance metrics, empowering data-driven decisions and strategies.

Full-Stack Software Engineer   October 2018 – August 2021
Chi Alpha Connect   *Conway, Arkansas*

- Led the team in requirements and architecture discussions, resulting in the development of web, and cross platform mobile applications that significantly increased college student's engagement.
- Devised instant messaging and event scheduling in Python, effectively addressing communication and collaboration challenges.
- Conducted numerous A/B tests using remote config, leading to a 25% increase in user retention.
- Developed a web dashboard with Material UI, enhancing the efficiency of data and transaction management and monitoring.
- Integrated secure payment processing using Stripe, simplifying transactions and increasing fundraising efficiency.

CERTIFICATIONS

Machine Learning Specialization
Stanford University & DeepLearning.AI

Frontend React Certificate
Hacker Rank

Angular Certificate
Hacker Rank

EDUCATION

University of Central Arkansas   May 2013 - May 2015
Computer Science   *Conway, Arkansas*

JSS International School   June 2008 - March 2010
Computer Science, Math, Physics, Chemistry   *Ooty, India*