

Siman Shrestha

Software Developer

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EDUCATION

Texas A&M University

BS Computer Science & Minor in Art (Visualization)

- GPA: 3.6
- Texas A&M Rock Climbing Team

Aug. '16 – May '20
College Station, Texas

SKILLS

- Languages: Python, Java, JavaScript, Typescript, HTML, CSS
- Technologies: React, Angular, Git, Spring, Node, Django, Flask, Kafka, Git, Linux
- Databases: MongoDB, MySQL
- Design: Adobe XD, Adobe Illustrator, Adobe InDesign, Adobe Premiere

EXPERIENCE

Visa

Sr. Software Engineer - PaaS Data Tier (Operations & Infrastructure)

Austin, Texas
Oct. '20 – Present

- Improved observability by creating a real time monitoring application using **React, Redis, & GraphQL**.
- Optimized time to execution than 4x by developing a web application for automating deployment of scheduled job executions using **Angular, Apache Kafka, Flask, Spring Boot, Hibernate, and MySQL**.
- Optimized job status query response time by 15x by implementing a pub/sub model.
- Enhanced **user experience** by designing and implementing data-rich **Angular** dashboards.
- Expedited development by designing and presenting UI **prototypes** using **Adobe XD**.
- Migrated enterprise software, data, and configured SSO authentication.

Freelance

Software Developer & Graphic Designer

Austin, Texas
May '20 – Present

- Develop and debug web applications, write scripts to aggregate data from various APIs, and format data.
- Create flyers for volunteering events, parties, ceremonies and design illustrations and logos for clients.

FrogSlayer

Junior Full Stack Engineer

College Station, Texas
Sept. '19 – May '20

- Delivered features and squashed bugs for a medical record system used by several employees at 3 different urgent care facilities using **AngularJS, MariaDB, and Django**.
- Enriched company data by implementing a system to capture physician performance.

PROJECTS

OpenBeta.io

- Open source non profit that enables open access to data about rock climbing routes.

LEADERSHIP & AWARDS

Lead Communications and Engagement Chair, Young Professionals @ Visa

'20 – Present

- Selected as one of 285 members for a leadership position. In charge of maintaining communication with members and developing illustrations and graphics for events.

Distinguished Student, Texas A&M University College of Engineering

'17 – '20

Dean's Honor Roll, Texas A&M University College of Engineering

'19 – '20