Arsalan Bashir

http://arslnb.github.io

Email : arsalan.b4@gmail.com

Mobile : +971-50-191-7571

EDUCATION

- **National Institute of Technology** — Kashmir, India
  Bachelor of Technology, Mechanical Engineering — *Mar. 2013 – Aug. 2017*

WORK EXPERIENCE

- **LiveDocs, Inc (https://livedocs.io)** — Dubai, United Arab Emirates
  Founder — *Jan 2019 - Present*
    - Launched LiveDocs, a programmable text editor that helps companies create self-updating documents and automate business logic.
    - Full-stack developer: built the backend API, web frontend, and mobile apps to serve +20 enterprise customers.
    - Designed and developed a new document model to provide programmatic control (with a streaming API) over structure, formatting and content of the text-editor.
    - Tech: Python (Flask, Celery), JavaScript (React, Redux), AWS, Redis, MongoDB, GraphQL, Apollo

- **MyScoot Ltd (https://www.myscoot.in)** — New Delhi, India
  Software Engineer — *Feb 2018 - Jan 2019*
    - Launched Scoot (YC W19), a cross-platform web app for hosting and attending home-hosted parties, social events, and meetups with locals
    - First engineer on the team: Built the backend RESTful API and frontend, from scratch. Mentored new hires.
    - Built an internal identity verification framework to verify and rank attendees' identity in +400 user-hosted events.
    - Tech: Python (Flask, Celery, Jinja2), JavaScript (jQuery), Firebase, Redis, Websockets, Webpack, Semantic UI

- **Smart Spin Ltd (https://thesmartspin.com)** — London, United Kingdom
  Co-founder — *Aug 2017 - Jan 2018*
    - Launched Smart Spin, a cross-platform Wikipedia for homeschooled students (+2000 daily active users).
    - Backend developer: Built a RESTful API, with built-in moderation and curation tools for parents.
    - Developed the "Smart Spin" mobile apps (iOS and Android) for students.
    - Tech: Python (Flask), JavaScript (React, React Native), MySQL, Firebase, AWS

- **National Institute of Technology, Srinagar** — Kashmir, India
  Undergraduate Research Project — *Mar 2016 - Mar 2017*
    - Built an autonomous chess playing robot capable of playing chess with a human opponent.
    - Control engineer: Designed and developed an open-loop feedback control system (with Java and FeedbackControl4J) that used information acquired from multiple cameras to control the pose and motion of a chess-playing robotic arm.
    - Optimized drawings of multiple prototypes with Linear Stress Analysis (with SolidWorks and MATLAB) and identified feasible design options.

SIDE PROJECTS AND OPEN SOURCE

- **TidyStory (https://tidystory.com)** — Feb 2018 - Oct 2018
    - An open-source Twitter bot that converts a Twitter thread to a webpage that can be annotated by other users.
    - Tech: Python (Flask), JavaScript (jQuery), Selenium, Docker, Firebase, AWS

AWARDS

- **Awards**: EdCIL Scholarship, multiple national and international honors for debating, Kairos Fellowship 2015, Thiel Fellowship Finalist 2014, Lemmings I/O Batch 4, Pioneer December 2018

PROGRAMMING SKILLS

- **Languages**: Python (Flask, Django, etc), JavaScript (ReactJS, React Native, Angular, etc), C, C++, Java, Statistical Analysis (using R, MATLAB, Octave, etc)

- **Tools and technologies**: Firebase, AWS, MongoDB, SQL, HTML/CSS, Docker, GraphQL, Apollo, Nginx, Supervisor, Version control using Git, experience with Unix/Linux environments. Design tools like Figma, Sketch, Photoshop