Pranit Jaiswal (he/him/his)

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SKILLS

Programming: Java, Python, Android, Kotlin, Rust, JavaScript, HTML, C, C++, MySQL, PHP.
Tools/Services: Android Studio, VS Code, Firebase, Draw.io, AdMob, Meta Ads, Google Analytics, SQLite, BigQuery.
Cloud Services: Google Cloud Platform, AWS – EC2, RDS.

WORK EXPERIENCE

Google LLC | *San Jose, California* | Software Engineer   *Mar 2022 - Present*
- **Project:** AAOS SDV Telemetry | *Java, Rust, CPP, Android*
  - Developed JAVA APIs for telemetry service running in software defined vehicle's OS to collect and perform operations on vehicle signals and generate reports based on the collected data.
  - Developed Rust APIs with CPP wrapper for the telemetry service running in the VM of the vehicle.
  - Configured a new host and repo from scratch in such a way that even client can contribute to code.
  - Designed a web application named MCG to generate config files for the telemetry service.
  - Contributed to design and architecture of the projects by creating detailed design documents.

RedMango Analytics Pvt. Ltd. | *Navi Mumbai, India* | Senior Software Developer   *Apr 2018 - Nov 2019*
- **Project 1:** Snakes and Ladders - Pro | *Java, PHP, Socket Programming*
  Proposed an idea of a game with a unique business model and was appointed as **Project Manager** to design and implement overall features as well as application workflow.
- **Project 2**: 5G Speed Test | *Android, Java*
  Developed an app from scratch to test accuracy of bandwidth of internet connection provided by ISPs.
- **Project 3**: Satark India | *Kotlin, Firebase, PHP*
  Worked as **Developer & Back-End Designer** to create SOS & Live Location Tracking of multiple devices.

JUSTAP Media Pvt. Ltd. | *Mumbai, India* | Technical Lead   *Dec 2016 - Mar 2018*
- **Project 1:** Main App JUSTAP | *Java, PHP, SQL, Ad Networks, Firebase, HTML*
  Worked as a **Full stack developer** for an in-cab-entertainment software for the passengers travelling by cabs. Also, **proposed & implemented a better UI-UX to overcome ad revenue loss**.
- **Project 2:** Data Usage Tracker | Python
  Developed software to calculate **buffer time** & data usage of various video streaming applications.

Capgemini India Pvt. Ltd. | *Mumbai, India* | Senior Software Engineer   *Jun 2015 - Dec 2016*
- **Project 1:** GVI - Group Voice Interpreter | *Java, Socket Programming*
  Worked as **Full stack developer** for app which helps hearing-impaired people to understand conversations.
- **Project 2:** Note Down | *Android, Java, PHP*
  Developed a money management app to record any income and expense at fingertips with detailed statistics.

EDUCATION

University of Texas at Arlington | MS in Computer Science | **GPA: 4.0**   *Dec 2021*
Coursework: Software Design Patterns, Secure Programming, Distributed Systems, Data Mining, Adv. Database.

ACADEMIC PROJECTS

- Chat Server - Distributed Systems | *Java, Socket Programming*   *Feb 2020 - May 2020*
  Developed software for PC to implement synchronous chat server, asynchronous chat server, & vector clocks.
- Rating Predictor - Data Mining | *Python, Google Colab, AWS-EC2*   *Apr 2020 - May 2020*
  Developed a text classifier to predict 'rating' (1 to 10) as output when the input is 'review' given by user.
- Click 'n' Code – Software Engineering | *JAVA, Swing, AWT, Cryptography*   *Aug 2013 - Nov 2013*
  Invented a new concept editor for PC to code C and C++ programs with minimal typing efforts.