

# Mikhail Sumawan

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## Education

**San Jose State University**, San Jose, CA

August 2019 - December 2021

*B.S. Computer Science*

- **Relevant Coursework:** Design & Analysis of Algorithms, Operating Systems, Applied Probability & Statistics, Formal Language & Computability, Network Management, Game Development, Operating Systems, Information Security, Programming Paradigms, Database Management Systems, Mobile Application Development, Data Structure Java

## Skills

- **Languages:** Java, Lua, Python, Javascript, Scala, MySQL, C#, Swift, Visual Basic, TypeScript, Haskell, x86 Assembly, Pascal, ABAP
- **Technical Skills:** AWS, iOS Mobile App Development, Android App Development, Bash Scripting, Batch Scripting, Agile Development, Scrum Framework, Nginx, OpenResty, Adobe Suite, G Suite, Unity, Virtual Machine, SSH, Docker, Network Management, Network Security, Cisco Packet Tracer, GNS3, SAP, Git

## Projects

### Steamy iOS Dating App

June 2021

- Led a collaborative effort to develop an iOS mobile dating app, adhering to a demanding deadline of just two months.
- Managed the deliverables using Taiga Project Management, employing the Scrum Sprint Methodology to meticulously monitor project progress and ensure successful deliveries.
- Delivered the weekly Sprint report to the supervisor and consistently achieved high evaluation scores.
- Designed the wireframes using Adobe xD and collaborated with other developers using Xcode, Swift, and Firebase to build the application.

### Product Management App

August 2021

- Developed and implemented a BCNF (Boyce-Codd Normal Form) relational database using MySQL, ensuring data integrity and consistency.
- Implemented the archive function to accommodate database scaling.
- Developed a command line application to view and modify the database using Java and JDBC.

## Work Experience

### Backend Engineer

**Santa Clara, CA**

Glassbeam, Inc

February 2022 - Present

- Designed and implemented a suite of API automation to efficiently retrieve, parse, and upload data across diverse client servers.
- Designed and developed a custom Pascal-based installer, leading to a remarkable 93% improvement in deployment efficiency. This transformation significantly reduced the installation time of Glassbeam's proprietary software from 30 minutes to just under 2 minutes.
- Integrated a Real-Time Location System (RTLS) into Glassbeam's proprietary software, employing cutting-edge BLE technology to monitor the precise location and movement of healthcare devices within the building.
- Collaborated with clients to identify technical challenges, analyze their requirements, and develop customized solutions to meet their specific needs.
- Oversaw and maintained an array of AWS servers to ensure seamless and uninterrupted server operations.

### SAP Developer Intern

**Surabaya, Indonesia**

Sampoerna

January 2020 - June 2020

- Developed advanced automation tools with Visual Basic and ABAP to streamline the upload of extensive sales data into the SAP database, improving efficiency.
- Achieved an 80% reduction in the average time required to upload the supply and chain's weekly volume into the MF50 SAP production planning table, surpassing the upload time goal by 16% and decreasing the time from 2 hours to 5 minutes.
- Resolved production issues by performing root cause analysis and providing timely solutions, ensuring minimal impact on business operations.
- Maintained and supported SAP systems, monitoring system performance and identifying opportunities for improvement.