

Prakhar Sethi

Education

- July 2012 – **Visvesvaraya National Institute of Technology, B.Tech (Computer Science), Nagpur.**
May 2016 CGPA - 8.59
- May 2012 **Little World School, Class XII (HSC), Jabalpur.**
Percentile - 88.4
- May 2010 **Little World School, Class X (SSC), Jabalpur.**
Percentile - 95

Experience and Relevant Work

- July 2017 – **Senior Software Engineer, PLAYSIMPLE GAMES PRIVATE LIMITED, BENGALURU.**
Present **(C#, JAVA, GoLang, Python, Objective-C, Firebase Database)**
- Planned, designed and developed the data model and all the core systems in WordWars, like the PvP communication system, the Chat system, etc.
 - Technical Lead on the project. Have been managing a team of 5 developers, along with regular planning and development on the product.
 - Developed an AI-based adaptive adversary in the application, which paved the way to creating dummy user profiles to promote new features and improve user's engagement with the application.
 - Improved average server response time from 10ms to 0.11ms by optimizing on indexes and query structure.
- January 2017 – **Software Engineer, PLAYSIMPLE GAMES PRIVATE LIMITED, BENGALURU.**
July 2017 **(Javascript, JAVA, GoLang, Python, Objective-C)**
- Started development on Daily Themed Crossword. My work included developing features and backend APIs, delivering stable releases for multiple platforms, and guiding a team of 3 developers.
 - Developed a crossword grid generator which reduced the time for content generation by 10%.
 - Developed a tool to facilitate safe replication of application-level data among different clients. This also helped in debugging rare issues from all applications at PlaySimple.
- July 2016 – **Associate Software Engineer, PLAYSIMPLE GAMES PRIVATE LIMITED, BENGALURU.**
January 2017 **(Javascript, JAVA, GoLang, Objective-C)**
- Worked on Jungle Rumble. My work included regular collaboration with product managers, designers and artists to develop features and the related backend APIs.
 - Developed a level-based leaderboard for the application using GoLang and Redis.
- October 2015 – **Automatic Text Summarization of News Articles, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY.**
March 2016 **(JAVA, Python)**
- As my B.Tech final year project, I developed a text summarizer to summarize news articles by exploiting its properties, and by improving the existing summarization technique of lexical chains. I have also published a research paper for the same under IEEE. DOI:10.1109/BID.2017.8336568
- May 2015 – **Tech Analyst Intern, CITICORP SERVICES PRIVATE LIMITED, PUNE.**
July 2015 **(JAVA, ExtJS, Spring batch framework)**
- Worked with the CitiRisk Retail team on projects like generating Entitlement Reports for the support team, optimizing on Preliminary Data Comparison batch jobs and an Email warning system for batch execution failure.
- May 2014 – **Summer Intern, EKALAVYA 2014 - INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY.**
July 2014 **(JAVA, C++, Javascript)**
- Developed iCLASS, a live audio streaming application for Aakash labs at IIT Bombay. I developed the android application for the project, and subsequently focused on eliminating the echo issue faced during audio streaming.

Achievements and Honors

- Rewarded 'Superhero of the month' at PlaySimple on multiple occasions.
- Qualified for the ACM ICPC 2014 - Gwalior and 2015 - Kolkata regional rounds.
- Stood 3rd in the 2015 ACM ICPC Chennai Multi-Provincial Programming Contest.
- Stood 1st in 'Aspirations 2020', 2014 organized by Infosys Pune.