

SIDDHARRTH PRIYADHARSAN M

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Education

Indian Institute of Technology Kharagpur

July 2014 - May 2018

Bachelor of Technology in *Computer Science and Engineering* (CGPA : 8.58)

West Bengal, India

Experience

Microsoft

September 2021 – Present

Software Engineer 2

Bengaluru, India

- Designed **Progressive Web Application** (PWA) to enable native-app experience and offline support for **PowerApps Portals**, thus significantly expanding the mobile user base for our product
- Handling other Development and Runtime lifecycle related operations of Portals that includes handling monthly release deployments, on-call support, go-live assistance for customers etc

Microsoft

June 2018 – August 2021

Software Engineer

Bengaluru, India

- Worked on building **PowerApps Portals** since its inception. Drove some major features that include the ones mentioned below
- Self-serve Diagnostics system** to empower customers resolve their customization errors on Portals without Dev/Support Engineers' support, and this feature has brought significant reduction in the number of support tickets raised on the product
- Licensing Enforcement and Consumption pipeline** implementation to track customers' page views and logins, and charge them based on their usage, and this feature became the key aspect to generate revenue for our product
- Staggered Release Pipeline** for monthly deployments, that reduced the blast radius of regressions by 70%
- Code Authorization Flow** for OpenID Connect protocol for highly secure Authentication with External Identity Providers

Microsoft

May 2017 – July 2017

Software Engineering Intern

Hyderabad, India

- Developed an **Intelligent Sales Assistant** for **Dynamics 365** to assist salespeople in their sales life-cycle operations
- Customer Lead creation through user data retrieval and classification on scanning customer's business card
- Sentimental analysis of customer related Twitter tweets for Lead score prediction
- Auto-population of customer details by leveraging their social media accounts
- Pre-Placement Offer** from Microsoft India Development Center

Projects

Interactive Learning Application for Dyslexic children | *Android, Java*

June 2017 - May 2018

- This app aims to help Dyslexic children overcome the difficulties faced while reading and writing English words and associated sentences
- Natural Language Generation and Handwriting Recognition implementation
- This project has been selected for **Institute Patent filing** by IIT Kharagpur

Soccer player tracking

September 2017 - October 2017

- An application to track the players in soccer broadcast videos
- Developed under the supervision of Prof. Partha Pratim Das, IIT Kharagpur

IoT application involving eye tracking using laptop web camera

January 2017 - April 2017

- This web application is designed to open bookmarked tabs in the web browser by tracking our eye movement using the laptop's web-camera
- Developed under the supervision of Prof. Anupam Basu, IIT Kharagpur

Document Summarization

March 2018 - April 2018

- Generation of a Summary of maximum n words from a given list of documents
- Degree Centrality and Text Rank algorithms used for summarization and ROUGE used for Results Evaluation

You can check out all my projects here : github.com/siddumsp1997

Technical Skills

Languages: C, C++, C#, Java, Python, Scala, SQL, React-Redux

Developer Tools: Visual Studio, Android Studio, Apache Spark, Eclipse, Unity

Technologies/Frameworks: ASP.NET, GitHub