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 by **10x**
- Handling other Development and Runtime life-cycle related operations that include Release Dev-Ops, On-call support and Go-live assistance for VIP customers

Microsoft   **June 2018 – August 2021**
Software Engineer   *Bengaluru, India*
- Worked on building **PowerApps Portals**, a no-code low-code platform that enables customers to quickly build their websites without writing any code. Drove some major features of Portals that include the ones mentioned below
- **Self-serve Diagnostics system** to empower customers resolve their Portal customization errors without reaching to Microsoft support, and this feature brought **60%** reduction in the number of support tickets raised on our product
- **Licensing Enforcement and Consumption pipeline** implementation to track customers' portal page views and logins for usage based billing, and this work was critical for our product's revenue generation
- **Staggered Release Pipeline** for monthly deployments, that reduced the blast radius of regressions by **70%**
- **Code Authorization Flow** in Portals 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

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
Technologies/Frameworks: ASP.NET, Azure, Git
Developer Tools: Visual Studio, Android Studio, Apache Spark, Eclipse, Unity