Manpreet Singh

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EXPERIENCE

Software Engineer 2 - MICROSOFT

➢ **Microsoft Whiteboard**   (March, 2021 to June, 2023 & June, 2024 to Present)
  ○ Enhanced the Whiteboard app with new features to improve customer experience, including reaction stickers, z-order manipulation, text formatting, image insertion, export options, context menu, and settings panel.
  ○ Led the Android app lifecycle, overseeing releases, deployments, and escalations while implementing features like authentication, "Open in App," landscape mode, and image insertion - tripling users and raising the rating to 4.6.
  ○ Optimized performance with image resizing and compression techniques, reducing file sizes by 50-70%.
  ○ Redesigned Whiteboard authentication in Teams to enhance security and eliminate dependency on obtaining the auth token from Teams.

➢ **Microsoft Word Web**   (July, 2023 to May, 2024)
  ○ Improved new document boot performance by 300ms by removing host-side creation wait time, enhancing speed.
  ○ Introduced Skeletal UX at boot time to reduce perceived latency and improve the customer experience.
  ○ Developed a High Contrast mode for the Ruler to enhance accessibility and introduced an Autosave toast notification, reducing Ctrl+S presses by 60%.

➢ **Special Clouds IC3 Team**   (January, 2020 to February 2021)
  ○ Automated deployment of five IC3 services in an AirGapped environment, greatly reducing deployment time.
  ○ Integrated support for Cognitive Services and Media Service in the EV2 Compiler for Azure resources.
  ○ Contributed to the COSMIC migration of IC3 services.

➢ **Customer 360 Team**   (July, 2019 to December 2019)
  ○ Collaborated with the Customer 360 team to develop a unified analytics dashboard for sales professionals.
  ○ Designed and developed the Office Pro Plus Widget API, enhancing features and driving increased app adoption.
  ○ Enhanced code coverage of the service layer from 20% to 60%.

Software Engineer Intern - INTERVIEWBIT   (Jan, 2019 to May, 2019)

➢ Designed and developed a video call application for mock interviews and code collaboration, integrating call recording and enhanced call quality, which boosted user adoption by 50% and increased NPS from 21 to 45.
➢ Engineered a custom Resume Parsing Algorithm to streamline and automate resume screening.
➢ Developed the Mentor Dashboard for Scaler using Ruby on Rails and JavaScript, improving mentor management and efficiency.

EDUCATION

➢ 2015-2019: B.E. (Computer Engineering) at **Thapar Institute of Engineering and Technology, Patiala.**   **CGPA-9.19**
➢ 2014: 12th standard (PSEB) at **Baba Farid Sr. Sec. School, Bathinda** with 86% marks.
➢ 2012: 10th standard (CBSE) at **Imperial Public School, Sri Muktsar Sahib** with CGPA 8.8/10.

SKILLS

➢ **Languages**: C++, C#, Java, Python, Javascript, Typescript, Kotlin, SQL, KQL
➢ **Tools and Frameworks:** React, Redux, Node.js, Cypress

AWARDS

➢ **Hackathon Project Award 2024:** Received the most voted award for introducing frames in Whiteboard, a new feature that enabled structured collaboration and allowed Whiteboard to be presented like a PowerPoint.
➢ **Product Excellence Award 2023:** Recognized for contributions to improving customer experience and product quality.