Prathmesh Tiwari

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Education

K.K.Wagh Institute of Engineering Education and Research **2023 - 2025**
Master Of Computer Application (CGPA : 7.51) Nashik , India

K. K. Wagh Arts, Commerce, Science and Computer Science College **2020 - 2023**
Bachelor Of Computer Application (CGPA : 8.91) Nashik , India

Kendriya Vidyalaya **2019-2020**
HSC (Percentage : 86 CBSE) Burhanpur , India

Experience

Calanjiyam Consultancies and Technologies , Tamil Nadu , India **Sept 2023–Nov 2023**
Software Engineer Intern Certificate ↗

- Developed **Student Profile Management** System with an integrated feature of **Alumni Network Connection**.
- Collaborated with team members to troubleshoot issues and optimize system performance
- Technologies: HTML , CSS , JavaScript, Bootstrap , PHP , SQL.

Software Engineer Intern *Redmond, WA*
Microsoft *June 2003 – Aug 2003*

- Designed a UI for the VS open file switcher (Ctrl-Tab) and extended it to tool windows
- Created a service to provide gradient across VS and VS add-ins, optimizing its performance via caching
- Built an app to compute the similarity of all methods in a codebase, reducing the time from $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$
- Created a test case generation tool that creates random XML docs from XML Schema
- Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts

Projects

Multi-User Drawing Tool *github.com/name/repo* ↗

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized Desktop Calendar *github.com/name/repo* ↗

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System *2002*

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Technologies

Languages: C++, C, JavaScript, Python
Frameworks: Express ,React ,React Native
Databases: Sql ,PL/SQL ,PostgreSQL , MongoDB
Tools/Platforms: Postman ,Git ,GitHub ,Bash