

# Sarthik Gupta

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## WORK EXPERIENCE

- **Senior Software Engineer – Soroco** *Jan 2024 – Current*
  - Planned and initialized a GraphQL-based project, necessitating a uniquely structured frontend to efficiently manage backend capabilities.
  - Developed an internal dashboard for product-analytics & version-management of micro-services.
  - Tech Stack – TypeScript, Angular, GraphQL, NextJS
- **Software Engineer – Soroco** *Aug 2021 – Dec 2023*
  - Played a core role in the process of design standardization by creating new reusable components and guiding the development of the design-system.
  - Led the implementation of micro-frontend architecture, enabling simultaneous development with React and seamless integration of Angular's design system components.
  - Played an active role in frontend development, contributing significantly to the product's user interface and overall frontend functionality.
  - Reduced app bundle size by over 50% via design system tree-shaking, addressing previously unnoticed performance issues.
  - Managed major version upgrades and continuously optimized CI pipelines for all the frontend repositories, ensuring seamless integration and enhanced efficiency.
  - Tech Stack – TypeScript, Angular, Storybook, GoJS, Webpack, Azure CI, Docker
- **Intern – Collegedunia** *Jan 2020 – Jul 2020*
  - Developed a full-stack news website for aggregating news updates from various websites in near real-time.
  - Tech Stack – Python, NodeJS, Express, MySQL, Selenium

## PROJECTS & ACHIEVEMENTS

- **Google Summer of Code (GSoC) 2022 – The Tor Project** *Apr 2022 – Sept 2022*
  - Selected for GSoC 2022 to collaborate with The Tor Project on the Tor-Weather project.
  - Designed & developed an intuitive web portal, streamlining node operator registration and enabling personalized notification preferences.
  - Tech Stack – Python, Flask, PostgreSQL, RabbitMQ, Docker, Gitlab CI
- **Microsoft Azure Bug Bounty** *Jun 2022 – Aug 2022*
  - Reported an information disclosure bug in Azure DevOps, qualifying for a \$5000 bug bounty.
  - Featured in 2022-Q3 & 2023 Annual Leader board of Microsoft Security Research Centre.

## EDUCATION

- **Punjab Engineering College, Chandigarh** *Aug 2017 – Jun 2021*  
Bachelor of Technology in Civil Engineering | GPA: 8.19/10
- **Bhavan Vidyalaya, Panchkula** *Mar 2016 - Mar 2017*  
12th Grade (CBSE) | 82%
- **Bhavan Vidyalaya, Panchkula** *Mar 2014 – Mar 2015*  
10th Grade (CBSE) | GPA: 10/10

## SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python
- **Development:** Angular, React, NextJS, Astro, RxJS, GraphQL, Flask, SQL, RabbitMQ
- **Tools:** Azure CI, Gitlab CI, Docker