

Suraj Mondem

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Education

Bachelor of Computer Science | San Francisco State University, USA

[Dec 2020(Expected)]

- **GPA – 3.6, Dean's List** (4 semesters)
- **Relevant Coursework** – Software Engineering, Operating Systems, Internet Application Design and Development, Programming Paradigms and Languages, Probability & Statistics.

Bachelor of Computer Science | Manipal University, India

[Aug 2015 – Dec 2017]

- **Relevant Coursework** – Data Structures, Algorithms and Analysis, Computer Architecture, Compiler Design, Database Management
- **Transferred to San Francisco State University**

Professional Experience

Web Developer Intern | InFI Development Company (4 months)

[Jan 2018 – May 2018]

Developed **Shopping Cart Feature** for an E-Commerce Website. Worked in a team of **4 people** following an **Agile Working environment**. Developed basic Website Structure Using **React Components, HTML & CSS**. Participated in **peer review** process.

- **Tools Used: ReactJS, NodeJS, Bootstrap, MySQL**

Academic Projects & Certifications

E-Commerce Website | Software Engineering project (3 months)

[Sept 2019 – Dec 2019]

Buy & Sell website focused particularly on school parameters. Worked in a **global team of 7 students**. developed a full WWW application 'Gator Trader' using **modern teamwork, Software Engineering processes**, and tools. My role was **Backend lead** of the project where I designed and developed a **MySQL database** with maintaining proper Integration with Frontend.

- **Tools Used: JavaScript, NodeJS, ExpressJS, MySQL, AWS, HTML, Bootstrap.**

Gin Rummy Multiplayer Game | Internet Applications project (1.5 months)

[Nov 2019 – Dec 2019]

Multiplayer online game developed for the Boardgame Gin Rummy. Worked in a team of **4 students**. Developed a full website with **Authentication** using **PassportJS** and **real-time messaging** using **Socket.IO** functionalities and a working game.

- **Tools Used: JavaScript, NodeJS, ExpressJS, PostgreSQL, Heroku, Bootstrap, Socket.IO, PassportJS.**

Web Server Application | Web Server project (3 weeks)

[Sept 2019 – Sept 2019]

Developed an Application which can Parse HTTP Requests and Generate Appropriate HTTP Responses. Development of this project involved **designing low fidelity wireframes** and **Test-Driven Development** using **Postman** and **telnet**.

- **Tools Used: Java, Apache server, Postman.**

Tank Game | Software Development Project (3 weeks)

[May 2019 – May 2019]

Software **designed** and **developed** using **Object-oriented techniques** for a two-player tank game. Developed a whole working game using the **Software Development tools** like **Design, Debugging, testing** and **UI design**.

- **Tools Used: Java**

Java Certification | Oracle Certified Associate

[July 2018]

Oracle Certified Associate, Java SE 8 Programmer

Skills

- **Frontend languages:** HTML, CSS, Bootstrap, JavaScript, jQuery, ReactJS.
- **Backend languages:** Java, NodeJS, ExpressJS.
- **Problem Solving Skills**
- **Database languages:** MySQL, PostgreSQL.
- **Spoken languages:** English, Hindi, Telugu.
- **Tools:** Git, AWS, Heroku, Slack, Trello, GCP.
- **Methodologies:** Agile, Scrum.

Co-Curriculars

- Director of Photography for testimonial videos for Office of International Programs (OIP), SF State
- 1st in Chess Competition held at Annual Sports Meet 2017, Manipal University ICAS, India
- Event Manager for Manipal University Cultural Event UTSAV 2016, Manipal University, India