Aayush **Sachdev**

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Passionate about computer science, I'm interested in Software development and UX Design. I love to learn new technologies and my diverse interests informs the cross-disciplinary approach that I apply to every solution I develop.

Experience

ELINVAR GMBH
SENIOR FRONTEND ENGINEER
Berlin, Germany
Feb. 2022 - Present

- Designing and developing **the WealthTech Platform as a Service** connecting the entire ecosystem for banks, asset managers and other investment service providers.
- Working as a Senior Frontend Engineer, in the **Personal data management Team** for investors.

GENERAL ELECTRIC - DIGITAL
WEB SOFTWARE ENGINEER
Bangalore, IN.
Feb. 2020 - Jan. 2022

- Designing and developing **two continuous monitoring products** for Cloud agnostic infrastructure- **JavaScript, ReactJS, TypeScript, AWS.**
- Leading a team of interns to develop an **in-house full stack application from scratch** for conducting live tech events, used for **200+ events.**

CERNER CORPORATION
SOFTWARE ENGINEER
Bangalore, IN.
Jan. 2019 - Feb. 2020

- Developed the front-end infrastructure in **ReactJS, Redux ecosystem**. Implemented the front-end module which interacts with the **Ruby engine** to call **Java** services.
- As an Intern, developed a **pluggable & configurable Jenkins** automation tool for **Dev-ops automation** which is used by **150+ Developers.**

DOCDUC INC.
FRONTEND ENGINEER
Oct. 2018 - Jun. 2019

- Developed a Healthcare **web product** to enable smarter communication between patients and Physicians targeting **U.S. market**.
- Implemented **User interface** mockups, developed the front end Application in **ReactJS, JavaScript ecosystem.**

ERONKAN TECHNOLOGIES
SOFTWARE ENGINEERING INTERN
Bangalore, IN.
May 2018 - July 2018

- Worked on **IOT platform** & dashboards used for industrial automation services by the clients- **NodeJs, Express, MongoDB, Raspberry Pi**.
- Developed the Barca platform, to get insights into **operational metrics** like production efficiency, data aggregation for analysis used to improve machine operations.

KALPKRITI INC.
SOFTWARE DEVELOPMENT ENGINEER INTERN
Bangalore, IN.
May 2017 - July 2017

- Worked on Cross platform development in **C++** using **cocos2d-x Platform**
- Designed & developed algorithms for better user interaction, implemented gestures- Zoom, Pan and Pinch in the animation based product.
- Implemented the **key frames, project saving and retrieving algorithm** to **enhance the usability** of the product

EMACHINERY
UI/UX DEVELOPER
MUTBI Startup, Manipal, IN.
Jan 2016 - July 2016

- Designed and developed the **web application**, an e-commerce platform for trading used Machine parts. Led a team of **10+ members.**

Education

Manipal Institute of Technology
B.Tech Computer Science and Engineering
Manipal, IN
2015- 2019

- **Minor Specialization** in *Intelligent Systems*- Artificial intelligence, Machine learning, Natural Language Processing, Social Network analysis.

Skills

Programming	C, C++, JavaScript, TypeScript, Java.
Industry Software Skills	ReactJS, Redux, NextJS, NodeJS, Express, HTML5, CSS3, SCSS, Jenkins, MySQL, Design Systems, Responsive design, RESTful APIs, UI/UX Design.
General	Object oriented programming, Data structures and Algorithms, Databases, Operating systems, Artificial Intelligence, Image Processing, Machine learning.

Projects

- **Polygon**: **Real estate & Student accommodation project targeting U.K Market.** Designed and developed the application with dashboard and Store, along with three other members who wrote the back end architecture- JavaScript, ReactJS, NodeJS, Open source.
- **Genetic Algorithm Web-application** for Travelling Salesman Problem using **JavaScript**. Applied Genetic Algorithm to solve and visualize the Problem.
- **Technical Writing**: **Interpolation Search Algorithm**. Wrote the algorithm article which got featured in **Geeks for Geeks**.
- **E-Healthe**: Healthcare made Easy- **ReactJS, NodeJS, Express, MongoDB**. Web application for managing patient's health and billing information. Wrote **REST APIs** for all operations with no-sql database storage.
- **SLCMX**: College Student lifecycle System- **HTML5, CSS3, BootStrap, MySQL, JavaScript**. Student management Web application with CRUD operation functionality.

Extra curricular & Position of Responsibility

- **Head of Design** TechTatva'17 and Revels'18 National level fests of M.I.T. Manipal, recieving participation of **more than 2000 students.**
- **Co-founded** E-commerce **Startup EMACHINERY.IN** in my first undergrad year(2015). Got incubation under **MUTBI, Manipal University**.
- **Organizer**, TechGig Code Gladiators Event, which formed the **Guinness World Record** for Biggest programming Event. (Bangalore, June'17)
- **Member** of Official CS club, **organized** online and offline programming contests, workshops on **Programming, Development and Design**.
- **Among top 5 University Finalists** for **Stanford Health++** Hackathon for Global Health.