

Manav Kushwaha

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EDUCATION

IIT Dharwad, Dharwad, Karnataka

Graduation date: [April 2023](#)

Degree: Bachelor of Technology in Computer Science and Engineering

GPA: 9.14 / 10

Relevant Courses:

Data Structures and Algorithms, Design and Analysis of Algorithms,
Software Engineering, Database and Information Systems, Operating Systems

WORK EXPERIENCE

Amuse Labs, Bangalore, Karnataka

[Jan 2023 – Present](#)

Software Engineer

- **Analyzed** and **improved execution** times for multiple **database** operations **single-handedly**. Resulted in a **20% decrease** in turnaround **time** which in turn led to **better user experience**.
- **Improved analytics** implementation and generation resulting in an increase in **client retention** using **data visualization** and creating new metrics.
- Worked on **logging systems** and improved **efficiency** by more than **30%** in speed and accessibility.

Skills: Java, SQL, Typescript, Python

Emids Technologies, Remote

[May 2022 – July 2022](#)

Software Engineer (Intern)

- Worked on evaluation and integration of Data Parsing tools to convert HL7 data to other data formats.
- Increased data collection for Healthcare Data Lake by the use of integration.
- Analyzed and worked with Azure FHIR Server, Apache Airflow for the client which allowed converting healthcare data through a pipeline removing the manual work.

Skills: Algorithms, Python, .NET, Azure FHIR, Apache Airflow, Mirth Connect.

Creatosaurus, Remote

[June 2021 – August 2021](#)

Full Stack Developer (Intern)

- **Increased** incoming **traffic to** the domain by creating a **web app** which **implemented integrations** with various **social media sites** like Facebook, Twitter, Instagram.
- Explored and Implemented various API documentations, Front-end, Database

Skills: React, Node, Express, MongoDB.

PROJECTS

Slapdash (Skills: NextJs, Typescript, MySql, WebSockets, Prisma, Vercel) - [Github](#)

- **Designed** and **developed** an end-to-end **real-time chat** application.
- **Utilized websockets** for **fast** communication along with **MySQL** for data **persistence** with **Prisma**.
- Used **React Server Components** and **NextJs** Route Handlers to allow **serverless** deployment on **Vercel**.

Connect-Me (Skills: React, Node, Redux, Express, MongoDB, Vercel) - [Github](#)

- Built a **production-ready Full Stack Social Media** Site allowing developers to connect with each other. Also used middleware for authentication and designed the REST Api. Implemented the state management using **Redux**.

Libprint (Skills: React, Node, Express, MongoDB) - [Github](#)

- Created a **ReactJS** Web Application for the **college library** implementing Library Management and Printing Facility along with Admin Controls. Google Authentication used to restrict access to institute domains for Log In. Deployed the app on Netlify and Heroku with the database on **MongoDB Atlas**.

TECH SKILLS

Languages: C++, Java, Typescript, JavaScript, Python, C, C#, Java, SQL,

Technologies: NextJs, Prisma, React, Express, MongoDB, .NET

Other Tools Used: Git, Linux, Visual Studio, IntelliJ, Bash Scripting, Nginx, Apache Airflow

ADDITIONAL INFORMATION

- **1000+** problems solved on different Online Judges
- IIT-JEE: Secured 3639 rank (top 0.25 percentile)
- KVPY Scholar- Cleared both Written and Interview(top 0.6 percentile)
- Inter IIT Sports Meet: Chess Team Member