

Abhay Pratap Singh Yadav

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EDUCATION

IIT Manipur, *Btech in Electronics and Communication* | Senapati, Manipur **CPI: 8 / 10** May 2024
Kendriya Vidyalaya OF Chanda, *Matriculation* | Chandrapur, Maharashtra **GPA: 7.8 / 10** May 2019

Achievements: 350+ CodeStudio Problems | 110+ LeetCode Problems | 150+Geeksforgeeks Problems

Relevant Courses: Database Management Systems | Operating Systems | Computer Networks | DSA

Udemy Courses: Web Development (Colt Steele) | Data Structures and Algorithms(Abdul Bari) | Python (Angela Yu)

SKILLS

Languages	C/C++, Javascript, Java, HTML5, CSS3, Python, Matlab, Git, LaTeX
Frameworks and Libraries	ReactJS, Redux Toolkit, Tailwind CSS, SASS, Bootstrap 5, Spring Boot
Backend and Deployment	NodeJS, ExpressJS, Jwt, Bcrypt, Netlify, Vercel, AWS EC2, Heroku
Databases and Tools	MySQL, MongoDB, Sanity Studio, Firebase, Appwrite, Github, VS Code,

EXPERIENCE

Aky-deva, *Full Stack Developer(Backend Specialist)* | Remote (Gurgoan, Haryana) 02/2024 - Current

- Developed an Exam preparation and courses website with MERN Stack and API integration with **Redux** to heighten user Experience by 30%.
- Accelerated development by 40% using **AI tools**, configured AWS S3 buckets improving storage integrity by 30%.
- Integrated **JWT** web token with bcrypt and google **OAuth** resulting in security improvement by 40%.

Goloka IT, *Cloud Engineer Intern* | Remote (Mumbai, MH) 12/2023 - 02/2024

- Worked under senior developers to learn Amazon Web Services and integration with websites improving cloud proficiency by 20%.
- Assisted relocation of server to AWS improving security feasibility and storage capacity by more than 60%.
- Orchestrated transfer of website database from local to **AWS S3** buckets improving data integrity by 90%.

Urban Office Mart, *Full Stack Developer intern* | Hybrid (Vadodara ,Gujarat) 05/2023 - 11/2023

- Coordinated with a 4-member team to implement CRUD operations on the home website using MERN Stack improving website UI and Network speed by 30%.
- Implemented Lossless Data Compression Algorithms on images and videos to improve fetch and upload speeds by 40%.
- Integrated tailwind CSS with ReactJS to make the website responsive refining its UI by 35%.

PROJECTS

Sarkaari | Full Stack Developer, *Aky-deva* (Internship) 12/2022 - 04/2023

- Cultivated a website from scratch with ReactJS, NodeJS MongoDB and Tailwind CSS in an SCRUM environment with quizzes previous year papers and much more refining UX by 60%.
- Employed Redux Toolkit for API Integration and Jwt and Bcrypt for enriching Authentication by 35%.

Portfolio – Personal Jan 2024 - Jan 2024

- Crafted a simple React Portfolio with Tailwind CSS to display a catalogue of my skills and Projects

Shopme - E-commerce Application 01/2024 - current

- Created a high-performance, MERN Stack E-commerce Application with admin panel CRUD features and much more enriching UI by 24%.
- Implemented Redux Toolkit for API integration with ExpressJS to enhance the network speed by 30%.

myShare – ReactJS Image gallery 04/2023 - 05/ 2023

- Built a ReactJS image gallery with CRUD functionality and responsive UI using Bootstrap5
- Deployed a low code sanity studio backend to reduce the implementation complexity by 40%.

Employee Management (Java Spring Boot) 02/2024 - 02/2024

- Devised a REST api using java spring boot technology for 20% improved speed.
- Used mySQL database for storage and Retrieval of data by 25%.

Other Courses

Electronics Courses	Digital Design, Analog Circuits, Semiconductors, VLSI Design Theory, Embedded Systems, Control Engineering, Sensors and Actuators, IoT, Integrated Circuits, Electromagnetism
Communications	Digital Signal Processing, Biomedical Signal Processing, Antenna and Wave Propagation, Wireless Tech,
Spoken Languages	English(Advanced), Hindi(Native)