Umesh Chandra

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EDUCATION

Indian Institute of Information Technology Nagpur — Nagpur, India
Bachelor of Technology - Electronics and Communication; GPA: 6.15 — *Dec 2021 - May 2025*
Courses: *Operating Systems, Data Structures and Algorithms, Database and Management Systems, Computer Networks, OOPS*

SKILLS SUMMARY

- **Languages:** Python, C++, Java, Javascript, Kotlin, Typescript, SQL
- **Frameworks:** ExpressJS, NodeJS, ReactJS, React Native, Spring Boot, Pandas, Numpy, Matplotlib, Seaborn, Django
- **Tools:** GIT, MySQL, MongoDb, Docker, VS Code, IntelliJIDEA, Android Studio, Jupyter, PowerBI, MS Excel, Tableau
- **Platforms:** SOLID Prinicples, DS Algo, AWS EC2, AWS S3, REST APIs, SDLC

EXPERIENCE

Coding Bits   View Certificate — Remote–Noida
Software Developer (Intern) — *Jan 2025 - June 2025*

- **Designing and implementing user interfaces** using **JavaScript and React**. This involves creating responsive and **user friendly** web pages.
- Developing **server side logic** using **Node.js** to handle **database and routing**.
- **Created and integrated RESTful APIs** enabling data exchange across different components of the web application to support **real time user interaction**.
- Working closely with **cross functional teams** including manager and other developers to deliver production ready features that directly **addressed client requirements and user feedback**.

Adarva Technologies — Remote–Bangalore
Software Developer (Intern) — *June 2025 - Present*

- **Designed and implemented the payroll system user interface** using **JavaScript and React**, enabling employees to securely log in and access personalized data.
- Developed **server side logic with Node.js** to manage authentication, database operations and routing for employee specific information.
- Integrated **RESTful APIs** to access payroll data, including payslips, attendance and performance metrics.
- Developed features to generate detailed **reports** for employees incorporating logs and analytics.

PROJECTS

CANVAS BUILDER WITH PDF EXPORT | HTML, CSS, JavaScript, Node.js, Express.js   PROJECT LINK

- **Built a dynamic drawing and PDF export web application** enabling users to draw, add shapes, images and text with **100% precision rendering in the final PDF.**
- **Engineered RESTful APIs** to initialize canvas, handle shapes, freehand strokes, text additions, and images resulting in **40% faster user input processing** compared to conventional canvas editors.
- **Utilized canvas, pdfkit, and multer libraries for real time rendering and PDF generation** supporting compression for size optimized downloads contributing to **35% reduction in exported file size.**
- **Developed a fully responsive user centric web interface** incorporating customizable canvas interactions, dynamic DOM rendering achieving a **40% improvement** in user task completion speed through clear layout

FEEDBACK HUB | HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB   PROJECT LINK

- Engineered a feedback collection platform with **role admin access and secure JWT based authentication achieving 100%** form reliability across multiple test environments.
- Designed with dynamic **schema generation and public URL sharing** that enables form creation workflows which is used to **collect 1000+ submissions** validating the system robustness for real world deployment.
- Developed with **real time data aggregation and CSV export** capability simulating interface that reduced manual feedback **processing time by 90% applicable for HR, product reviews** and service pipelines.
- Implemented a dynamic form generation system supporting customizable **question types like text and multiple choice** and **mobile responsive** UI.

ACHIEVEMENTS

- Solved 300+ coding problems on LeetCode, GeeksforGeeks and CodeChef.
- Participated in Hackathons as a part of various teams
- Achieved day streak badges on LeetCode.