# Ajay Kumar D R B

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## EDUCATION

### K.L.N. COLLEGE OF ENGINEERING
B.E in Mechanical Engineering
April 2022 | Sivagangai, Tamil Nadu, India
GPA: 8.66 / 10

### VELAMMAL VIDYALAYA
May 2018 | Madurai, Tamil Nadu, India

## LINKS

Github: github.com/AjayKumar-DRB

LinkedIn: linkedin.com/in/ajaykumardrb

LeetCode: leetcode.com/u/AjayDRBKumar

## CERTIFICATES

### MERN STACK
GUVI Zen - 2023

### SQL
HackerRank - 2023

### PYTHON3
SoloLearn - 2020

## SKILLS

### FRONT END
React.js • Next.js • JavaScript • TypeScript •
HTML5 • CSS3 • Bootstrap • Tailwind

### BACK END
Node JS • Express JS • Flask

### DATABASE
MongoDB • MySQL • Microsoft SQL Server

### TOOLS
VS Code • PyCharm • Jira

### PROGRAMMING LANGUAGES
Python • Java

### VERSION CONTROL
Git • Github

### TESTING TOOLS
JMeter • Postman API

## EXPERIENCE

### FREELANCE SOFTWARE DEVELOPER (SELF-DRIVEN PROJECTS)   Dec 2023 – Present | Remote
- Developed five sophisticated web applications using cutting-edge frameworks like Next.js  React.js alongside TypeScript; implemented responsive designs that enhanced site traffic by 30% within the first month of deployment.
- Created reusable components, integrated RESTful APIs, managed state with Redux Toolkit and Context API, and implemented JWT-based authentication for secure, dynamic applications.
- Deployed solo projects on Netlify and Render, leveraging CI/CD pipelines for continuous delivery, with backends powered by Node.js, Express.js, and MongoDB.

### CHELLA SOFTWARE  | Junior Software Tester
July 2022 – Sep 2023 | Madurai, Tamil Nadu, India
- Conducted manual testing for Windows applications, but also gained experience working with development teams, improving cross-functional communication and understanding of user requirements and software lifecycles.

## PROJECTS

### ZAPCART
zapcart.netlify.app
- Developed an eCommerce platform using React and ShadCN for a dynamic user interface, and integrated PayPal for secure payments.
- Implemented backend services with Express.js and MongoDB for data management and product storage.

### TECH STACK
React • ShadCN • Node/Express.JS • MongoDB • JWT • PayPay API

### PERSONAL PORTFOLIO
ajaykumardrb.netlify.app
- Designed a personal portfolio website using Next.js and Tailwind CSS to showcase my skills, projects, and professional experience as a developer.
- Incorporated Framer Motion to implement smooth animations and transitions, enhancing the overall visual appeal and user engagement.
- Organized projects and skills in a structured layout, providing easy navigation for visitors and effectively highlighting my capabilities and development journey.

### TECH STACK
Next.js • TypeScript • Tailwind CSS • Framer Motion

### GOLDENGAUGE
goldengauge.netlify.app
- Created a financial dashboard with React and Material-UI to help users track investments and monitor financial performance.
- Integrated JWT(JSON Web Token) for secure user authentication, protecting sensitive data.

### TECH STACK
React • CSS • Bootstrap