Vikash kumar Singh

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Education

] Vel Tech Rangarajan Dr.Sagunthala RD Institute of Science and Technology, Avadi, Chennai, India.

BTech in Computer Science

📅 Sep 2025   📍 chennai, tamilnadu

Graduated with Distinction

CGPA : 8.43

12th-(70.6 percent)R K intermediate college, padrauna (UP) 2020

10th-(76.8 percent) pettit memorial high school , bagaha, Bihar 2018

Links

○ GitHub **vikash946**

in Linkedin **vikashkumarsingh**

Coursework

UNDERGRADUATE

Data Structure and algorithm
computer network
Web development
Database management system
Operating system
Cryptography and network security
Software engineering
Object oriented programming
computer architecture

Skills

PROGRAMMING

Java • Python • C • JavaScript •OOPs

DEVELOPMENT

Java • java sevlet •HTML/CSS • JavaScript • SQL • firebase

TOOLS

tomcat • mysql • Microsoft Office • eclipse • Git • Visual studio • Firebase

Certification

CCNA

• Intoduction to network
• Switching ,Routing and wireless essential

FOUNDATIONS OF CYBERSECURITY (GOOGLE)

• Expertise in threat modeling, risk assessment, and secure network architecture.
•Skilled in implementing security controls, encryption, and vulnerability management.

Experience

SOFTWARE ENGINEER (INTERN)

CODSOFT

- Worked on developing and testing calculator modules using java
- Collaborated with a team of developers to meet project milestones.
- Gained experience with industry-standard development practices.

WEB DEVELOPMENT

CGPA Calculator

- Real-time Calculation: Provides real-time CGPA calculation as students input their grades, enhancing user experience.
- User-friendly Interface: Designed with an intuitive and responsive interface using HTML and CSS for ease of use.
- Interactive Features: Utilizes JavaScript to create interactive and dynamic features for an engaging user experience

  ○ static Website **vikash calculator**

Achievement

Abhigyan pahal (IEEE)

- We had a team of 3 people of Winner of IEEE's "Abhigyan Pahal" Idea Contest for creating an innovative agriculture website solution. Recognized for impactful design that enhances farming practices through real-time data and user-centric features.

  Coding Excellence

- Solved 100+ DSA problems and many logic building problems on various platforms
- Achieved Java logic building certificate from code chef (2023)

  in certificate **code chef**

Projects

BANKING MANAGEMENT SYSTEM 2024

Tech Stack: JSP, JavaScript, Bootstrap, Servlet, MySQL, Tomcat

Banking Management System Website serves as an innovative digital platform designed to streamline and enhance banking operations for both customers and financial institutions. With a focus on efficiency, security, and user experience, this platform offers a comprehensive suite of features tailored to meet the diverse needs of modern banking

EMPLOYEE TIME TRACKER 2024

Tech Stack: JSP, JavaScript, Bootstrap, Servlet, MySQL, Tomcat

Developed an Employee Time Tracker application with secure authentication, task management, and real-time updates. Features include data visualization (pie/bar charts), responsive design, and seamless CRUD operations. Admin dashboard provides performance insights and employee management.

PRIMARY SCHOOL MANAGEMENT SYSTEM 2023

Tech Stack: java script,html/css,php, phpmyadmin

Developed an innovative system to manage record and work of primary school
- The web application have many pages to mange each and every portal of department . there are many pages with various functionality to manges school activities