Ruchi Singh

ruchisinghmech0509@gmail.com | +918340403952 | Bangalore | LinkedIn | Github | Portfolio

SUMMARY

Detail-oriented software developer with **over 1 year** of experience in designing and implementing web applications, seeking an entry-level development role. Skilled in front-end and back-end technologies such as React.js and Angular, Python and Node.js. Proficient in JavaScript, HTML, CSS, SQL, and NoSQL databases, with a strong focus on problem-solving, teamwork, and enhancing software quality. Eager to contribute to dynamic agile teams while advancing my career in software development.

EDUCATION

- **Kurukshetra University** (2018)
  B.Tech in Mechanical   Aggregate: 8.6/10
- **Scholars Abode School** (2013) 12th, CBSE   Aggregate: 9.0/10
- **New Delhi Public School** (2011) 10th, CBSE   Aggregate: 9.2/10

SKILLS & INTERESTS

- **Frontend Technologies**
  - React.js & Next.js - Hooks, Context API, Component lifecycle, JSX, File-based routing, SSR, API routes
  - Angular & TypeScript - Components, Services, NgRx, RxJS, Lifecycle Hooks
  - HTML5 & CSS: Tailwind CSS, Material-UI

- **Backend Technologies**
  - Node.js: Express.js, RESTful APIs, Middleware
  - Python: Django, REST APIs
  - Database: MySQL, MongoDB
  - Authentication: JWT, OAuth, Session management

- **Development Tools & DevOps**
  - Version Control: Git, GitHub
  - Testing & Build Tools: Jest,Playwright, Vite
  - Cloud & Deployment: AWS, Docker, CI/CD pipelines
  - Project Management: JIRA, Agile/Scrum methodologies

EXPERIENCE

- **Fenopix Tech –** Frontend Intern   (Dec'24 – Apr'25)
  Technologies: JavaScript, HTML5, CSS, Git, Agile

  Key Achievements:
    - **Dashboard Development:** Contributed to creating responsive and interactive dashboards that improved data visualization.
    - **Feature Implementation:** Collaborated with development team to implement new chart types and optimize existing functionalities, reducing load time.
    - **Code Quality:** Participated in code reviews and documentation, maintaining code through unit testing.
    - **Problem Solving:** Resolved critical bugs and performance issues, improving overall developer experience.

- **Cuvette Tech -** Frontend Intern   (May'24 - Aug'24)
  Technologies: React.js, Next.js, JavaScript, Tailwind CSS, Git

  Key Achievements:
    - **Full-Stack Development:** Built 2 responsive web applications from UI/UX wireframes using React and Next.js, achieving 100% mobile responsiveness.
    - **Component Library:** Developed reusable components, reducing development time for future projects.
    - **Performance Optimization:** Implemented lazy loading and code splitting, improving page load speed.
    - **Debugging Expertise:** Utilized Chrome DevTools and React Developer Tools to troubleshoot and resolve complex frontend issues.

- **Jagapati Engineers Pvt Ltd** -Software Engineer (Jan' 23 - Apr'24)
  Technologies: Python, Node.js, React.js, MySQL, AWS, Docker, Git, Redux

  Key Achievements:
    - **Full-Stack Development:** Developed and deployed RESTful APIs using Python/Django and Node.js/Express, serving daily user traffic.
    - **Database Optimization:** Optimized database queries and implemented Redis caching, reducing API response times.
    - **Team Collaboration:** Collaborated with agile teams in CRM system integration, improving customer satisfaction and knowledge sharing.
    - **CI/CD Implementation:** Set up automated deployment pipeline using Docker and AWS, reducing deployment time.
    - **Code Quality:** Conducted code reviews and implemented unit testing, achieving 90% test coverage.

- **Jagapati Engineers Pvt Ltd** -Methods Engineer (Jun'20 - Dec'22)
  Technologies: Primavera, S/4HANA, Data Analysis, Project Management

  Key Transferable Skills:
    - **Analytical Thinking**: Strong process analysis and troubleshooting skills for web development optimization.
    - **Quality Assurance**:Adhered to quality standards to ensure software reliability and performance.
    - **Collaboration & Communication**: Effective in cross-functional teamwork to align development with stakeholder expectations.

- **Bombardier Transportation Pvt Ltd** - Quality Engineer (Feb'19 - Feb'20)
  Technologies: Six Sigma, SAP, FMEA, Root Cause Analysis, Quality Control
  Key Transferable Skills:
    - **Problem Solving:** Expertise in root cause analysis and corrective actions, applicable in software debugging.
    - **Reporting & Documentation:** Proficient in creating detailed reports for test results and stakeholder communication.
    - **Attention to Detail:** Thorough approach to quality assurance, crucial for high-quality software delivery.

PROJECTS

- **Restaurant Monitoring Project** (Backend): **Tech:** Django, Python, MySQL
  A backend system that tracks online/offline status of restaurants during business hours, providing uptime & downtime reports to owners.
- **Food Delivery App** (Full Stack): **Tech:** React.js, Node.js, MongoDB, Stripe
  A Full Stack food delivery application similar to Zomato.
- **Voice to Text Chatbot (**AI/ML): **Tech:** Node.js, Open AI key
  A voice-enabled chatbot that uses ChatGPT's API to respond to user queries. The application features both voice and text input options, with voice output for responses.
- **Rasa Chatbot** (AI/ML)**: Tech:** Python, Rasa, NLP
  A fully functional conversational AI chatbot using Rasa framework.

CERTIFICATES certs

MERN – Cuvette**,** Python Developer Bootcamp – Udemy**,** Cloud Computing and AWS Fundamentals – Udemy**,** Professional Certificate in Agile and Scrum – Udemy**,** Lean Six Sigma Green belt – Udemy**,** Data Management – TCS**,** Playwright JS/TS Automation Testing – Udemy**,** Angular-The complete guide – Udemy

LINKS

- **HackerRank** : worldofrobos
- **W3Schools** : ruchisingh

LeetCode : ruchisingh0509

TCS NQT Score: Scorecard