Uttkarsh Sharma

Full Stack Developer |Nodejs,ASP.net & React, Angular | 8287864042|
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EDUCATION

Guru Tegh Bahadur Institute of Technology (GGSIPU)　　　　　New Delhi

Bachelor of Technology in Electronics and Communications　　　*August 2019 – August 2023*
- Cumulative GPA: **9.2/10.0**

Mira Model School (CBSE)　　　　　New Delhi

Class XII - In Computer Science Stream　　　*March 2018– April 2019*
- Cumulative GPA: **7.0/10.0**

Mira Model School (CBSE)　　　　　New Delhi

Class X　　　*March 2016– April 2017*
- Cumulative GPA: **8.2/10.0**

WORK EXPERIENCE

Full Stack Developer　　　　　*April* 2024 – Present

PanaceaBiotec.　　　　　*New Delhi, India*
- Spearheaded the design and development of **Nikhaar**, a Sales Force Automation (SFA) application, leveraging ASP.net for backend services and Angular for dynamic front-end interfaces to enhance user experience and streamline sales operations.
- Built and integrated RESTful APIs to facilitate seamless communication between client and server, optimizing data flow and application performance.
- Developed and maintained **Single Page Applications (SPA)** with **Angular**, utilizing **RxJS** for reactive programming and state management through **NgRx**, ensuring a responsive and interactive user interface.
- Worked on responsive **UI design** using **Angular Material** and **Bootstrap 5**, ensuring cross-browser compatibility and mobile-friendly interfaces.
- Followed Agile **methodologies (Scrum)** to ensure timely delivery of high-quality features, collaborating closely with **cross-functional teams**.
- Actively contributed to code quality through v**ersion control (Git)** and implemented **CI/CD pipelines** using **Jenkins and Docker**, improving the efficiency of integration and deployment processes.
- Focused on application security by implementing **OAuth 2.0**, **JWT**, and secure coding practices, safeguarding user data.
- Engaged in **performance optimization** by implementing **caching strategies** and load testing, ensuring scalability and fast response times in field operations.

Software developer　　　　　*October* 2023 – January 2024

SportsBrat pvt. ltd　　　　　*Delhi, India*
- Worked on the **analysis**, **design**, **workflow architecture**, **development**, and **testing** of **web applications**.
- Worked on creating highly interactive **responsive web applications** using technologies such as **JavaScript**, **TypeScript**, **HTML5**,
- **CSS3**, **SCSS**, **JSON**, **Angular 14**, and **Bootstrap 5**, and integrating them with **RESTful APIs**.
- Worked on developing **Single Page Applications (SPA)** using **Angular**, including **custom directives**, **pipes**, **controllers**, **services**,
- Contributed to the analysis, design, and development of web applications using **React, Node.js, JavaScript, TypeScript, HTML5**, and **CSS3**.
- Developed responsive, interactive **Single Page Applications (SPAs)** using React with hooks (**useState, useEffect**) and integrated them with **RESTful APIs**.
- Worked on building reusable components, managing state using **React hooks**, and handling client-side routing with **React Router**.
- Implemented backend functionality using **Node.js and Express.js** to develop APIs and handle server-side logic.
- Collaborated in creating responsive designs using CSS, SCSS, and Bootstrap, ensuring cross-browser compatibility.
- Gained exposure to **Agile methodologies**, working in a **Scrum** environment to deliver tasks within sprints.
- Used **Git** for **version control**, ensuring effective collaboration and maintaining clean, scalable, and testable code.

TECHNICAL SKILLS

Frameworks & Libraries:
- Angular (12/14), Angular Material, React (Hooks, React Router), Bootstrap 5, Angular CLI, SCSS, UI/UX Design Principles
- Basic understanding of NGRX, RXJS, Observables, Redux for state management and asynchronous programming

Programming Languages:
- HTML5, CSS3, JavaScript (ES6), TypeScript, C, C++, Java (basic)

Backend & Database:
- Node.js (Express.js for backend development)
- MongoDB, SQL (basic knowledge of database design and querying)

Web Development:
- DOM Manipulation, Responsive Design, JSON, REST APIs, React for frontend

Version Control & Package Managers:
- Git, GitHub, npm (Node Package Manager), Yarn

Development & Design Tools:
- Visual Studio, Postman, Insomnia ,Chrome DevTools, Figma (basic experience in prototyping and wireframing)

Testing & Tools:
- Basic knowledge of unit testing (Jest for React, Jasmine, Karma), familiar with end-to-end testing tools (Protractor)

Agile Methodologies:
- Experience with Jira, Scrum, User Stories, Sprint Planning

CI/CD:
- Familiarity with Jenkins, Docker (basic exposure)

Web Accessibility & Internationalization:
- Basic understanding of WCAG Standards, W3C Guidelines

- **Other Tools and OS:** Windows OS (98/XP/Vista/7/8/10/11), UNIX and Linux (Ubuntu), MS Word, PowerPoint, Excel, Power BI, Adobe,Photoshop, Adobe Target
- **Core JavaScript Skills:** JavaScript (ES6+), OOP, Promises, Async/Await, Callbacks, Collections (Arrays, Maps, Sets), Iterators, Generators, Functional Programming (Higher-Order Functions, Closures, Arrow Functions), ES6 Features (Destructuring, Spread/Rest Operators, Template Literals), Module Systems (ES Modules, CommonJS), Design Patterns (Singleton, Factory, Module).
- **Web Technologies:** REST/SOAP APIs, JSON, XML, HTML, CSS, JavaScript, jQuery, AJAX, WebSockets, CORS
- **Database Technologies:** SQL, MySQL, PostgreSQL, Oracle, MongoDB, Redis, JPA, Hibernate, Database Design
- **Development Tools:** Git, Maven, Gradle, JIRA, Jenkins, Docker, Kubernetes, IntelliJ, Postman
- **Microservices Architecture:** Basic understanding of Microservices, API Gateway, Service Communication (HTTP/REST), Load Balancing, and Docker for containerization.
- **Testing & QA:** CI/CD, Selenium, Postman
- **Cloud Technologies:** AWS, Azure
- **Security:** OAuth 2.0, JWT, Data Encryption
- **Design Patterns:** Singleton, Repository, MVC
- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Time Management, Written and Verbal Communication, Teamwork,Interpersonal Skills, Collaboration, Team Player .
- **Project Management:** Agile, Scrum, Kanban, SDLC, Sprint Planning, Risk Management
- **Networking:** TCP/IP, HTTP/HTTPS, DNS, API Management
- **DevOps Practices:** CI/CD, Monitoring, Configuration Management, Containerization
- **Performance Optimization:** Caching, Load Testing, Profiling, Scalability, Memory Management
- **Emerging Technologies:** Blockchain, IoT, AI/ML, Edge Computing, AR/VR
- **Industry Knowledge:** E-commerce, Health Care,Retail
- **Frontend Angular Skills:** Angular, TypeScript, RxJS, Angular CLI, Angular Material, Reactive Forms.
- **Frontend React Skills:** React, JavaScript (ES6+), React Hooks, React Router, JSX, State Management (useState, useEffect), Component Lifecycle, Basic Redux, React DevTools.
- **JavaScript Skills:** JavaScript (ES5/ES6+), Asynchronous Programming, Promises
- **HTML & CSS:** HTML5, CSS3, Responsive Design, Bootstrap, SASS/SCSS, Tailwind CSS
- **State Management:** NgRx, Redux, Service Workers, Local Storage
- **Performance Optimization (Frontend):** Code Splitting, Lazy Loading, Asset Optimization
- **Security (Frontend):** Web Security Best Practices, XSS, CSRF, Secure Coding Practices
- **User Experience (UX):** Usability Testing, Wireframing, Prototyping, User Research
- **Development Methodologies:** Agile, DevOps, CI/CD, Code Review

PROJECTS

NIKHAAR (Vaccine and pharmaceuticals)   *April 2024 – Present*

- **Nikhaar -** is a **Sales Force Automation (SFA)** application designed for **PanaceaBiotec**, focusing on field force activities and reporting. It streamlines sales, marketing, and attendance, enhancing operational efficiency and empowering the sales team in the field.

Full Stack Home-rentals App

- Developed a dynamic Full Stack Home-rentals App, boasting a seamless user experience and robust functionality.
- 40% decrease in page load times, enhancing user satisfaction and retention rates.
- Secure authentication protocols, resulting in a 60% reduction in security vulnerability and ensuring customer data integrity.
- Leveraged responsive design principles, leading to a 25% increase in mobile app engagement.

Full Stack Food-Booking App

- A dynamic Full Stack App powered by MongoDB for database management and Firebase for secure authentication.
- Through efficient backend architecture, achieved a 50% decrease in server response times.
- Firebase authentication led to a 70% reduction in unauthorized access attempts, guaranteeing the integrity of user data.
- Private Dashboard for the admins is designed inside the application.

Todo List App

- Introduced a highly efficient Todo List App using React with redux for state management.
- Implemented robust task management features leading to a 50% decrease in missed deadlines among users.
- Achieved a 90% positive user feedback rate, underlining the app's simplicity, reliability, and effectiveness in task
- management.

Certifications

DSA in JAVA , React Certification, JavaScript Certification.