VISHAKHA PANWAR

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Profile Summary

Skilled Back-End Developer with 2 years of experience in building powerful server-side applications using NodeJS, Express, and MongoDB. Skilled in HTML, CSS, and JavaScript for seamless integration with Front-End technologies. Proficient in designing and implementing RESTful APIs, ensuring optimal performance and security in web applications.

Education

Graphic Era - Deemed To Be University (CGPA: 8.51)   2016 – 2018
Master of Science in Information Technology   *Dehradun, Uttarakhand*

M.K.P. (PG) College (PERCENTAGE: 46.9)   2013 – 2016
Bachelor of Commerce   *Dehradun, Uttarakhand*

Experience

Wisetr Technology Pvt Ltd   Feb 2021 – Dec 2023
Customer Success Engineer   *Delhi*

- Using remote diagnostic tools to quickly identify and resolve customer issues, ensuring smooth system performance.
- Design and implement responsive user interface using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and smooth backend services integration.
- Provide technical support, troubleshoot software issues, and work together to prioritise and fix issues with the development, product and QA teams.

Mondrian High School   Apr 2019 – Feb 2021
IT Head - Primary and Middle School   *Dehradun, Uttarakhand*

- Oversaw the school's IT infrastructure installation, maintenance, and upgrading of the systems.
- Helped in integrating technology into other subject areas, providing training and support to teachers to include digital tools into their lesson plans, enhancing the overall educational experience.
- Designed engaging and age-appropriate computer science curriculum for primary and middle school students.
- Effectively managed classrooms utilizing interactive teaching methods to maintain high student engagement and assess student progress through regular quizzes, projects, and practical assignments.

Freelancer - Web Development   Aug 2018 – Dec 2020
Web Developer   *Dehradun, Uttarakhand*

- Collaborated with clients to define project requirements and deliverables, designing and implementing user interfaces and new features for web and mobile applications using HTML, CSS, JavaScript, and PHP.
- Developed and maintained customized websites for various projects, including WordPress themes, ensuring optimal performance and user experience.
- Optimized websites and mobile applications for maximum performance, analyzing user feedback to identify areas for improvement.
- Handled all communications with hosting companies, clients, and vendors, negotiating fees and contracts to reach mutually beneficial agreements.

FreeLancing Projects

Abu Fireball | View | *HTML, CSS, JS*

The Abu Fireball is an innovative fire extinguisher ball that activates automatically upon contact with flames, providing 24/7 protection without human intervention. It is lightweight, easy to use, requires no maintenance, and is effective in high-risk areas such as kitchens and electrical cabinets.

Just Gadgets | View | *HTML, CSS, WordPress Theme*

Just Gadgets is a New Delhi-based service provider offering doorstep repairs for laptops, tablets, and mobile devices. Specializing in major brands including Apple, Dell, HP, and Lenovo, they ensure quick, affordable fixes using genuine parts by experienced technicians.

JMMT | View | *HTML, CSS, WordPRess*

The John Martyn Memorial Trust provides basic primary education and skill development to children in rural Dehradun. The school focuses on providing a nurturing environment with unique learning experiences, aiming to enhance the lives of both students and their communities.

Projects

Job Portal | GitHub | View | *Node.js, Express.js, RESTful API, EJS Layouts*
- The job portal allows recruiters to securely register, log in, and manage job postings, while job seekers can easily browse and apply for jobs, uploading their resumes directly to the site.
- Recruiters can effortlessly create, update, and delete job listings, streamlining the hiring process.
- Job seekers receive confirmation emails upon applying for jobs, ensuring a smooth application experience.
- User sessions are handled using Express sessions, with middleware functions managing authentication, file uploads, and email sending.

Postaway-II | GitHub | *Javascript, HTML, CSS, Bootstrap, Node.js with Express*
- A robust social media backend REST-APIs
- Implemented functionalities such as user authentication, post management, comment system, like functionality, friendship features, user profile updates, and OTP-based password reset for enhanced security.

Ecommerce API | GitHub | *Node.js, Express.js, MongoDB, RESTful API*
- Designed and implemented a RESTful API for an e-commerce platform to manage product inventory using Node.js and MongoDB. The API allows adding, listing, updating quantities, and deleting products.
- Developed scalable API endpoints for managing product inventory, including creating, listing, updating quantities, and deleting products.
- Utilized MongoDB for database storage, incorporating Mongoose for seamless data interaction.
- Conducted thorough testing using Postman to validate API functionality and ensure robustness

StoreFleet | GitHub | *JavaScript, HTML, CSS, Bootstrap, Node.js with Express, MongoDB with Mongoose*
- Developed backend infrastructure for StoreFleet, an instant product delivery service
- Implemented RESTful APIs to handle various functionalities such as user authentication, product management, order processing and Delivery Tracking: Added functionality for users to track the status of their deliveries in real time

ChatterUP | GitHub | *Javascript, Bootstrap, Node.js with Express, MongoDB with mongoose, Socket.io*
- ChatterUP is a real-time chat platform.
- It enables seamless communication and interaction among users within a dynamic environment.
- Functionalities - User Profile Management, Broadcasting Messages and Database Storage, Chat History and User Count

Technical Skills

Programming Languages: HTML/CSS, JavaScript
Frontend Development: HTML5, CSS3, JavaScript (ES6+)
Backend Development: Node.js, Express.js
Databases: MongoDB, Mongoose, MySQL
Developer Tools: VS Code, Atom, Sublime Text, Postman
Libraries/Frameworks: jQuery, Bootstrap
Version control: GitHub
Additional Skills: RESTful API, OOPs, API Security (JWT, OAuth), Responsive Design
Non Technical Skills: Communication, Team Work, Problem Solving

Trainings

Coding Ninjas   **Dec 2023 – Till Date**
Full Stack Web Development
- Backend | Frontend