Abhishek Kumar

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Skills

Languages: JavaScript, TypeScript

Technologies & Tools: NodeJs, ExpressJs , ReactJs, EC2, S3, Lamda, React Native, MongoDB , Docker, Kubernetes , Kafka, Redux, NextJs , Tailwind, CI/CD, Git , REST API

Work Experience

Udemy, Remote   April 2023 - July 2023
Bootcamp
- Gained expertise in HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, React, and Tailwind CSS; built web apps and a blog.

Vasoya Brothers Infotech, Remote   Sep 2023 - Nov 2023
Front End Developer
- Worked on the development of two front-end projects, focusing on creating highly responsive and intuitive user interfaces. Utilized Tailwind for efficient styling and Next.js for server-side rendering, optimizing performance and user experience.
- ReactJs , Redux , NextJs , Tailwind , Css

Aeonix Research and Innovations, Kolkata   Jan 2024 - Present
SDE 1
- Built and launched a Group Insurance Enrollment Portal for the US using React, Node.js, Express, and MongoDB
- Established secure SFTP transmission for health records, transmitting 10,000+ records weekly to 21 insurance companies.
- Led onboarding and integration of 21 insurance companies, incorporating them into the portal and managing policy data effectively.
- Increased database query performance by 70% by optimizing Mongoose queries in Node.js.
- Worked on Nexcaliber.com, a Third-Party Administrator (TPA) providing customized insurance solutions to companies and corporate groups based on their specific requirements.

Side Projects, Remote   Feb 2024 - Present
Full Stack(App + Web)
- **Incorners.com**: Built a real estate app using MERN, OpenCV, and Python Flask to detect plots from layout images, convert them to SVG, and enable users to view and book plots by budget and preferences.
- **Guri Gharangna**: Developed an app to locate local stores specializing in construction items, offering a wide range of products with search filters and additional features for an enhanced user experience.
- **Abhishek Portfolio**: Please visit my portfolio to explore and learn more about me—it showcases my skills, experience, and work in detail.

Project Work

- **Health Portal (Aeonix):** Developed and launched a Group Insurance Enrollment Portal for the US market using React, Node.js, Express, and MongoDB, enabling secure weekly data transmission of over 10,000 health records to 21 insurance companies via SFTP, optimizing query performance by 70%.
- **Nexcaliber.com (Aeonix):** Contributed to the provider section of Nexcaliber.com, enabling users to search for providers based on their pincode. Also contributed to the Claim Status this section effectively showcases claims , relevant information related to their insurance claims.
- **Scalable Cloud Architecture:** Developed a resilient AWS system using API Gateway, Lambda, and Auto Scaling EC2 for high-traffic performance. Integrated CloudFront, DynamoDB, and S3 for content delivery, low-latency data, and storage. Secured with Cognito for authentication, CloudWatch for monitoring, and Route 53 with SSL/TLS, achieving regional scalability and reliability.

Education

GITA Autonomous College Bhubaneswar   Aug 2019 - Sep 2023
B.TECH in Electronics and Communication   *CGPA: 8.4/10*
Specialized in circuit design and electronics. During the COVID-19 pandemic, strategically transitioned to software development through intensive bootcamp training. Successfully launched a career as a full-stack web developer.