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ABHASH KUMAR

SUMMARY

Accomplished Senior Software Engineer with over 6 years of experience in full-stack development, specializing in .NET technologies, React JS, Typescript and AWS cloud solutions. Proven track record in system design, microservices architecture, and team leadership. Adept at migrating legacy applications to modern frameworks and driving collaborative efforts to deliver high-quality solutions.

EDUCATION

Jadavpur University, Kolkata   **Aug 2015 - March 2017**

Master in Computer Science and Engineering
Grade Point Average - 7.57

Netaji Subhash Engineering College, Kolkata   **Aug 2011 - March 2015**

Bachelor of Technology, Computer Science and Engineering Grade
Point Average - 8.04

SKILLS

- **Software Engineering Principles & Practices:** Problem-solving, System design, Design patterns, Solid Principals

- **Programming Languages & Frameworks:** C#, Python, SQL, .NET Core, ASP .NET, MVC, Web API and Services, Microservices, JavaScript, TypeScript, Node.js, jQuery, React.js, Bootstrap, Knockout JS, HTML, CSS3

- **Testing:** Writing API tests using Jest Framework, Unit testing (C#, xUnit), Integration testing (C#, MOQS, Fakes), Writing UI automated tests using Selenium

- **Tools & Technologies:** Git, TFS (Team Foundation Server), NoSQL (MongoDB, Redis), Grunt task runner, Webpack, Postman, Continuous Integration and Continuous Deployment with Jenkins, Azure DevOps

- **AWS Cloud Services:** AWS (Amazon Web Services), S3 (Simple Storage Service), EC2 (Elastic Compute Cloud), EKS (Amazon Elastic Kubernetes Service), Application Insights, CloudWatch

- **Monitoring & Analytics:** Open Telemetry, Graphana, Prometheus

- **Data Science & Visualization:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn (sklearn), Tableau

EXPERIENCE & PROJECTS

Availity, Bangalore — *Senior Software Engineer*
May2023—Current

- Spearheaded the development of a common library of reusable components, streamlining development processes across multiple projects and improving code consistency.
- Designed and implemented storybooks for UI components, significantly enhancing team productivity and efficiency by providing a centralized platform for visualizing and testing UI elements in isolation.
- Successfully migrated AngularJS application to ReactJS, leveraging modern technologies and best practices to improve maintainability and scalability.
- Developed Webhooks insurance master, PAM portal using React, TypeScript, and Reactstrap, empowering healthcare professionals to receive real-time notifications and enhancing patient care coordination.

Alegeus, Bangalore — *Senior Software Engineer*
Product: Consumer- Directed Healthcare Solutions
Oct 2021 – May 2023

- Led knowledge transfer sessions and created comprehensive documentation for onboarded team members, reducing ramp-up time and ensuring smooth integration into project workflows.
- Played a key role in the creation and maintenance of build and release pipelines, facilitating seamless deployment of major and minor releases and accelerating time-to-market for product features.
- Contributed to the development of Consumer-Directed Healthcare Solutions, focusing on feature implementation, code quality, and resolving technical blockers to meet project objectives efficiently.

GE Digital, Bangalore — *Software Engineer Specialist*
Product: Asset Performance Management
July 2017 – Sept2021

- Orchestrated the integration of various modules and databases, optimizing system performance and reliability as part of the Asset Performance Management project.
- Championed the migration of legacy systems to .NET Core, leveraging modern technologies and design patterns to enhance system scalability and maintainability
- Provided expertise in enhancing features and resolving issues for APM SSO authentication, ensuring seamless and secure access for users across different authentication protocols

COURSEWORK & CERTIFICATION

- Git, Javascript, Jquery, Knockout: Pluralsight
- Machine Learning and Deep Learning Specialization, Andrew Ng: Coursera
- Docker and Kubernetes: Pluralsight
- Data Science Specialization: Learnbay

INTEREST

- Machine Learning/Natural Language Processing
- Event Management
- Badminton, Table Tennis, Chess