

PRASHANT KUMAR

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OBJECTIVE

Senior Software Engineer with 12+ years of experience in large scale commerce ecosystem at Microsoft, building secure scalable and accessible systems. Specializing in modern frontend engineering, cost optimization, and leveraging AI-assisted development to accelerate engineering velocity.

Roles and Responsibilities

- Professional Summary:
 - Senior Software Engineer with 12+ years of experience building secure, scalable and user-centric applications.
 - Core contributor to across Microsoft's Commerce System – powering global purchases and subscriptions across businesses, institutions and individuals.
 - Proven expertise in React, TypeScript, GraphQL and Azure Cloud services delivering enterprise grade solutions at scale
 - Strong track record in modernizing legacy systems, improving CI/CD reliability
 - Skilled in system design, accessibility and AI assisted development using Copilot, GPT, Claude to accelerate engineering velocity and code coverage.
 - Recognized for cross team collaboration, mentoring and innovation with multiple fast track promotions from L61 to L63
 - Passionate about performance optimization, telemetry driven insights and enabling data driven decision making.

MICROSOFT, Hyderabad, India (August 2018 - Present)

- Driving full-stack development within Microsoft's Commerce Ecosystem, one of the largest revenue engines of the company, powering global transactions for business, institutions and individual customers.
- Architected and delivered some of the complex designs across the project, enabling scalable subscription management purchasing flows, validation, notification systems across commerce workflows both at seller and customer levels.
- Enhanced React based UI performance (~25% faster rendering), improving the purchase and renewal experience for global customers.
- Enhanced project's telemetry and analytics framework to capture session data, commerce transactions and feature usage, enabling data driven improvements to purchasing experience and getting more feedback.
- Delivered bulk data processing workflows using Azure functions, Service bus, Blob Storage, achieving excellent success rate with retries and end to end traceability.
- Implemented SignalR based real time notifications, ensuring instant updates on purchasing, renewals, and bulk processing events, improving transparency and customer experience.
- Improved CI/CD reliability with automated linting, dependency governance, upstream feed adoption, minimizing pipeline failure across teams.
- Led migration from ACS to AAD based authentication, strengthening security and compliance for one of previous teams' project.
- Discovered and resolved critical XSS vulnerability, safeguarding sensitive customer and business data against privacy breaches.
- Advocated Accessibility standards like WCAG & MAS across platforms, leading to global engineering session to drive inclusive design and aligns with Microsoft's mission of D&I.
- Reduced Azure operational costs by 20% with optimized scaling.
- Boosted developer productivity with AI assisted coding, streamlining prototypes like low-level design & high-level designs, PR reviews and test generation.

SHIPSY, Gurugram, India (September 2016 – August 2018)

- Started as a Senior Frontend Developer to lead and re-design the existing product (Dashboard).
- Designed the migration from Bootstrap Application to AngularJS+Bootstrap application.
- Established and implemented the full form AngularJS based application
- Lead the internal Hackathon to develop the fully functional Angular JS + Material application.
- Introduced the concept of Agile and Sprints based development.
- Played active participation in decisions and algorithm choices for ML Team like Polygon Overlapping etc.
- Built the Google Map based responsive web application which can be used on both Desktop & Mobile platforms
- Designed and developed end to end Sockets functionality on Angular based applications.
- Got appreciated in 3 months of joining for understanding the existing product and transforming it into more stable, scalable, and robust version. Also, for leading and grooming the team of 4 freshers efficiently.

BIZMERLIN, Gurugram, India (October 2015 – September 2016)

- Started as a Frontend Senior Developer for projects in JavaScript, AngularJS, Angular Material, Maven.
- Financial Application Project, full frontend, and backend, where target was to deliver all the Financial Statistics of Customers like Investment, ROIs', Cost to Company of Resources, Revenue Generations.
- Fraud Detecting Banking Application, a project which aimed to deliver banks the cumulative list of accounts causing money laundering. Using the Drools Engine to identify and automate this process intelligently.
- Firsthand iOS-Web application at same time.
- Lead a small team of 1 people where extracted the requirements from customers and worked on them.
- Got 7 'Wall of Fame' during that period for quick learning and fast delivering attitude.

AMDOCS, Pune, India (July 2013- October, 2015)

- Started as a C - Developer for Smaller Objects (Customer Requirements)
- Moved to the next role of UI Developer where various Interactive GUI in PowerBuilder/Java developed.
- Developed the GUI for the Port-Out functionality in PowerBuilder/Java and backend functionalities in C.
- Worked totally in Agile Mode following SDLC.
- Worked as a UX Designer where designed Migration Portal between different Service Providers
- Designed a Customer Address Verification Portal and integrated with a Windows API
- Involved with the Customers during UAT/PROD Support.
- Developed the idea of MOOC (Massive Online Open Courses) aka. 'Let Them Learn' within the TEAM.
- Got Certificate of Recognition and SPOT Award for Excellent Work

EDUCATIONAL BACKGROUND

B.Tech.(cum laude)	2009-To-2013	IIIT-Allahabad	C.G.P.I = 8.67
XII, C.B.S.E.	2009	R.L.B. School, Lucknow	90.6%
X, C.B.S.E.	2007	R.L.B. School, Lucknow	93.4%

SKILLS

- Programming Languages: C, C++, Shell, Java (Basics), Python(learning)
- Operating System Used: Windows, Linux (Ubuntu), MacOS.
- Web Related Tools: HTML, JavaScript, AngularJS, Angular, Bootstrap, Angular Material, Azure, Azure ML, Amazon AWS (Integrated AWS SQS with Web Application)
- Software Packages: MATLAB, NETBEANS, Qt, Oracle Tuxedo, PowerBuilder

SEMESTER PROJECTS

- **Metadata Extraction Tool from PDFs' (July,2011 – Nov,2011)**
- **IBM Models (1,2,3) of Statistical Machine Translation for Parallel and Comparable Corpora (Jan,2012 – Nov,2012)**
- **Software Testing Tool Development (Jan,2013 – May-2013)**

ACADEMIC ACHIEVEMENTS

- **Got 1st Rank** in 8th Semester '13 with **10 S.G.P.I.** & **4th Rank** in my branch (7th Semester) '12
- Represented my institute at **ACM ICPC '12 Asia Regional's** (Amritapuri) and Certificate of Participation at **ACM ICPC '11 Asia Regional's** (IIT-Kanpur)
- Represented my school at Mathematics Olympiad '09 & Qualified **NTSE (National Talent Search Examination) '07**

I hereby declare that the information given above is correct to the best of my knowledge.

PRASHANT KUMAR (September 15th, 2025)