

SUMANTH MUTHYALA

2253 Indian Creek Cir, Ann Arbor MI 48105

Phone: (248) 259 3493 | Email: sumanthmuthyala@gmail.com

A passionate, innovative, detail-oriented design and delivery leader who builds and leads high performing teams to deliver modern, intuitive, holistic experiences for automotive, consumer products, applications, and websites, looking for an exciting challenge!

EXPERTISE

- Lead program management, product research, design, development, and delivery across Automotive, Consumer and Technology verticals
- Drive strategic and tactical business objectives by building relationships with key stakeholders, cross-functional teams, suppliers, partners locally and offshore
- Manage collaboration with customers, internal teams, suppliers/partners to deliver an improved customer experience
- Over 10+ years' hands-on experience with the Agile methodology to deliver products
- Leading off-shore teams

EXPERIENCE

Innovation Manager | Harman/Samsung Connected Car | R&D

01/2018 – Current

- Research and conceptualized products for Autonomous Driving, Mobility, ADAS, Connectivity, HUD, Occupant Monitoring, Advanced interfaces (knobs, gestures, Touch Pad's, Voice, Smart surfaces) and Displays.
- Manage OEM pursuits and suppliers to create working tabletop demos with global cross-functional (research, product, electrical, mechanical, systems, software) teams.
- Scout and manage suppliers of innovative technology that enable future experience. Collaborate with product group, suppliers and procurement on the go to market strategies.
- Design and Conduct Human Factors research and benchmarking studies to enable trust in/and consumer understanding of Autonomous Driving, ADAS, Mobility, Infotainment, and Connectivity.
- Manage program requirements, BOM, program budgeting and timing and the quality of deliverables. Collaborated with global cross-functional teams to respond to RFIs and RFQs.

Principal Engineer | Harman/Samsung Connected Car | UX

01/2017 – 01/2018

(USA, India, Germany, Hungary)

- Harley-Davidson Infotainment: Managed the design and testing of Infotainment HMI and Connected Mobile apps. Gathered customer requirements and collaborated with sales, procurement, hardware and software teams to deliver features on time and budget. Supported hardware design, integration, validation testing (system, software, usability) and launch activities. Managed vehicle test fleet and road testing.
- Led Human Factors research, benchmarking, UX design, Usability and road testing for production Infotainment and connectivity programs.
- Recipient of Red Dot Design award for in-vehicle Digital Cockpit launched at CES'18.

Global Experience Leader | Honeywell Automotive Software

07/2016 – 01/2017

(USA, Switzerland, Romania, Czechoslovakia)

- Lead End-to-end UX design, development, vision and roadmap of prognostics based Integrated Vehicle Health Management (IVHM), Cybersecurity, Battery Management, HUD, IoT solutions.
- As a servant leader in an Agile environment, lead UX design and development standards across Connected Vehicle software and hardware solutions.
- Completed DFSS and ASPICE® training.

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Global User Experience Design Manager | Dynatrace

06/2012 – 07/2016

(USA: MI/MA/CA, Austria, Poland, China)

- Managed UX requirements, design and delivery of the Dynatrace SaaS Portal and Mobile applications. Managed global design and delivery staff.
- Successfully integrated User Experience process with the Agile design methodology using design thinking and design studio methods with a rapid iterative approach.
- Defined personas, conducted ethnographic research, ran usability and A/B tests, analyzed web analytics to gain a deeper understanding of customer's wants and needs, thereby influencing the overall Product strategy and Roadmaps.
- Collaborated with engineering and CI teams to deliver the product on multiple platforms

User Experience Architect and Front End Developer | Compuware APM

06/2009 - 06/2012

(USA: MI/MA, Canada, China, Poland, Finland)

- Lead the information architecture, UI development and user experience for Internationalized Dynatrace SaaS and PaaS portal and Mobile Applications.
- Managed design and development of assets created by feature teams. Developed common controls and CSS building in consistency upfront.
- Managed a global staff and supplier relationships.

Senior User Experience Designer | Compuware Corporation

04/2001 - 06/2009

(USA, Canada, Poland)

- Created a cross-disciplinary innovation team delivering strategic designs on mobile devices
- As a product planner & Agile Coach, introduced Agile Methodology to all employees.
- Collaborated with global marketing teams to create visual and interaction design standards for use across 40 teams around the world.
- Designed iPhone/Android mobile apps to monitor performance data in the Cloud.
- Managed the design process, prototyped & usability-tested award-winning patented automated software testing product that resulted in a 300% increase in revenues.
- Conceptualized, prototyped, usability tested and designed requirements management, manual/automated scripting, and test management applications.
- Worked on strategic RFP's and objectives for accessible software that resulted in securing large government contracts and RFPs.
- Lead selection of equipment and software to build two usability testing labs.

Technical Experience

JIRA, DOORS, Git, Confluence, Slack, VersionOne, MS Project, Photoshop, Illustrator, InVision Dreamweaver, OmniGraffle, Axure , HTML, CSS, IBM ALM, JavaScript, Eclipse, Mobile Design

Affiliations:

Member: National and Local User Experience Professional Association, Human Factors, and Ergonomics society, and Association for Computing Machinery (SIG-CHI).

Education:

Master's degree in Industrial Engineering, Clemson University, SC USA

Bachelor's degree in Instrumentation Engineering, Mumbai University INDIA