

Bhavin K Padhiyar

Principal Engineer, Product Design, UI/UX Architecture, User Advocate

✉ bhavin.in@gmail.com 📞 +91-8469492621 🔗 linkedin.com/in/bkp123 🌐 www.bhavin.contact

Strategic Design Leader and Product Architect with 23+ years of experience transforming complex technical ecosystems into high-impact digital products. Proven track record of scaling robust design systems, aligning cross-functional engineering and business teams, and delivering user-centered architectures that drive revenue, adoption, and operational velocity.

Core Competencies

- **Design Systems & Architecture:** Design system governance, cross-platform component libraries, design token architecture, interaction design, information Core Competencies, design-to-code alignment, information architecture.
- **AI-Driven Product Design:** Rapid AI prototyping, LLM-assisted user research synthesis, prompt-driven UI iterations, automated handoff pipelines.
- **Product Strategy & Discovery:** Usability testing, heuristic evaluations, workshop facilitation, engineering alignment, stakeholder communication.

Tools & Ecosystem

- **Design & Development:** Figma, Axure, Sketch, Rive, Adobe Creative Suite, Miro, Google Stitch, Pen, Android Studio, VS Code
- **AI Ecosystem:** Claude, Gemini, OpenAI, Google AI Studio, Lovable, Figma Make, Google Notebook LLM
- **Implementation:** HTML5, CSS3, JavaScript, TypeScript, Flutter, Android, Java, Dart

Impact

- **Accelerated Dev Velocity:** Developed custom AI metadata plugins, establishing an agentic design-to-code pipeline that condensed a 2-week handoff cycle into a 2-day rapid deployment window.
- **Accelerated Delivery Cycles:** Integrated generative AI tools (Claude, Gemini, Lovable) across the UX workflow, slashing research synthesis time and streamlining design-to-code translation.
- **Scaled Design System Adoption:** Architected multi-platform design systems with robust component libraries, cutting engineering rework and ensuring brand cohesion across digital products.
- **De-risked Product Roadmaps:** Engineered interactive, high-fidelity prototypes that combined heuristic analysis with usability testing to validate critical flows before engineering sprints.



Bhavin K Padhiyar

Principal Engineer, Product Design, UI/UX Architecture, User Advocate

✉ bhavin.in@gmail.com

📞 +91-8469492621

🌐 linkedin.com/in/bkp123

🌐 www.bhavin.contact

Professional Experience



Cambium Networks

Principal Engineer

Sept 2014 - Sept 2026



eSync Training

Products Designer

Jan 2013 - Sep 2014



Motorola Solutions

Tech Lead

Jan 2011 - Jan 2013



Zensar

Solution Architect

Sep 2008 - May 2010



Gateway Technolabs

Tech Lead

Apr 2005 - Sep 2007



Brain Stream Australia

Sr. Software Developer

Jan 2003 - May 2005



SAP

Principle Solution Consultant

Sep 2007 - Sep 2008

Certifications



Google AI Specialization

Google via Coursera



Certified Usability Analyst

Human Factors International



UX Design Professional Certificate

Google via Coursera



Flutter Development with Dart

Udemy

Accomplishments

- Innovator award at Cambium Networks
- Star Award & spot awards at Cambium Networks
- One of the speakers at Adobe Flash Summit 2011
- Spot prize in "skinToWin" contest hosted by Adobe

Thank you for your interest. Visit <https://www.bhavin.contact> to view my portfolio.