Kartik Murthy

Mobile: +91-8223027506   Github: github.com/Kartik-Murthy
Email: kartik.spgk@gmail.com   LinkedIn: linkedin.com/in/kartik10

SUMMARY

Full-stack Software Developer proficient in designing, developing, and delivering innovative end-to-end solutions.

TECHNICAL SKILLS

- **Frontend**: JavaScript, React, Redux Toolkit, Next.js, TypeScript, HTML5, CSS3, Dart, Flutter
- **Backend**: Node.js, Express.js, Python, Flask, FastAPI
- **Databases**: PostgreSQL, MySQL, MongoDB, Supabase
- **Tools**: Docker, Git, RESTful APIs, GraphQL, JWT, OAuth2

EXPERIENCE

QNext AI — Remote
Senior Software Development Engineer — *Jan 2024 – Present*
Software Development Engineer — *May 2023 – Dec 2023*
Software Development Engineer Intern — *Feb 2023 – Apr 2023*

- Spearheaded the development lifecycle from concept to client acquisition, driving business growth.
- Led the design and deployment of **QNext AI** and **Newt AI**, increasing web traffic by **40%**.
- Implemented payment integration and authentication systems using **Stripe**, **Clerk**, and **Firebase**, boosting subscription revenue by **25%**.
- Mentored junior developers and improved code quality through automated testing frameworks

Maangal.com — Remote
Flutter Developer Intern — *Sep 2022 – Dec 2022*

- Developed the **Maangal.com** app, supporting **1 lakh** users across the global Uttarakhandi community.
- Updated the old codebase with Flutter, increasing app performance by **50%**.
- Integrated **Riverpod** and **WebSocket**, improving app stability and retention by **20%**.

PROJECTS

Google Docs Clone – Real-time collaborative rich text editor

- **Description:** Built using Tiptap and Next.js 15, enabling seamless live editing.
- **Implementation:** Integrated Liveblocks for real-time collaboration and Convex for backend services.
- **Technologies:** Next.js 15, Tiptap, Liveblocks, Convex, Clerk
- **Link:** *https://google-docs-clone-lovat.vercel.app/*

Factinator – Mobile app for random facts and quotes

- **Description:** Flutter app designed to deliver random facts and quotes to engage users with interesting content.
- **Implementation:** Integrated with OpenAI API to generate high-quality informational content.
- **Technologies:** Flutter, OpenAI API
- **Link:** *https://github.com/Kartik-Murthy/Factinator*

OPEN SOURCE CONTRIBUTIONS

MUI (Material-UI) – Fix for spacing={0} in AvatarGroup Component

- **Problem:** spacing={0} was not respected in MUI v7, defaulting to a non-zero spacing.
- **Solution:** Refactored conditional logic to properly handle zero as a valid value, ensuring spacing={0} applies no margin between avatars.
- **Impact:** Ensured consistent behavior across versions and improved developer experience with expected spacing behavior.
- **Link:** *GitHub PR #45797*

HONORS AND AWARDS

- **Winner, SAMYOG Social Project** - *July 2022*
  Developed an app for the NSS department, streamlining social service initiatives and increasing student participation.

EDUCATION

- **Visvesvaraya Technological University** — Belagavi, India
  Bachelor of Engineering - Computer Science; CGPA: 8.5 — *Aug 2019 - Jun 2023*