BANG DO

+1 (909) 515-6534 • bangkimdo4.9@gmail.com • linkedin.com/in/bang-do010101/ • github.com/FireFly0000

EDUCATION

University of California, Riverside (Riverside, CA)

Bachelor of Science in Computer Science - GPA: 3.81 - with Honors   *Aug. 2019 - Mar. 2023*
Master of Science in Computer Science - GPA: 3.21   *Sept. 2023 - June. 2024*

TECHNICAL SKILLS

Programming Languages: Python, C/C++, HTML, JavaScript/TypeScript, CSS/TailwindCSS, Java, SQL, GraphQL
Developer Tools: Git, GitHub, VS Code, Google Cloud, AWS, Cloudinary, Jira, Figma, Azure
Frameworks & Libraries: React, React-native, Angular, Django, Node.js, Prisma, Express.js, Java Spring Boot, Redux, Zustand

---

WORK EXPERIENCE

Full Stack Developer Intern - ReactJS (Co-leader)   *Sept 4, 2024 - Dec 20, 2024*
Horizon Labs AI - Fully Remote

- Experiencing a full software development life cycle, including designing, implementing, and documenting features for a healthcare administration app that utilizes AI technologies (OpenAI API).
- Co-leading a frontend team of interns to deliver efficient works under a rapid weekly workflow.
- Utilizing Agile methodologies and tools such as weekly code review, Scrum meetings, daily stand ups, sprint planning and Jira for effective communication.
- Collaborating with UI/UX designers to closely replicate Figma designs and deliver new features on the Frontend that are dynamic, responsive, and appealing using Tailwind CSS and various ReactJS libraries such Radix UI or Shadcn.
- Designing, building and using reusable React components across the Frontend structure to achieve high efficiency in development time, code maintainability, UI styling consistency, and team collaboration.
- Utilized state management libraries such as Redux and Zustand to build scalable API integrations. Avoiding unnecessary re-renders and over-fetching data to optimize page updates.
- Improved data visualization by pre-processing patient test results data, maintaining the original ratio but with different scaling. Cached data with useMemo to avoid unnecessary pre-processing.
- Review, optimize, and implement scalable API endpoints in the FastAPI framework with SQLAlchemy queries
- Tested and debugged backend APIs with Azure's SQL database to ensure compatibility with the deployed version.
- Improved scalability by converting frontend filtering to backend filtering, reducing filtering time by up to 62%.

Works Demo Video: https://youtu.be/sjivfTCcpUw

PROJECTS

Personal Blog App | *Full stack Developer* - ReactJS - NodeJS   *July 2023 – Aug 2023*
- Built efficient REST APIs by utilizing complicated SQL clauses, utilized JWT token for authorization.
- Designing and implementing efficient relationship tables in a Postgres database (one-to-many etc.)

App: personal-blog-frontend-deploy.vercel.app/ | **Github Link:** github.com/FireFly0000/Personal-Blog   .

Hometown | *Full stack developer*   *Sept 2022 – March 2023*
- Applied React-Native and Node.js to develop a mobile app that helps local businesses to promote and advertise themselves through sending pre-scheduled email (SMTP server) and SMS.

Github Link: github.com/FireFly0000/Hometown.git

GroupFlow | *Designer, Full stack Developer*   *Jan 2023– March 2023*
- Applied Django and React to develop a workflow management app that provides intuitive tasks distribution.

Github Link: https://github.com/FireFly0000/GroupFlow | **Project Proposal:** 📄 GroupFlow Project Proposal