Nicholas R. Baker

401 E. 19th St. Kansas City, MO 64108 – nbakerkc11@gmail.com – 913-940-3753

PROFESSIONAL EXPERIENCE

HappsNow Inc., San Diego, CA
Senior Software Engineer, Spring 2022 to Present
- Led mobile development team to design and build mobile applications in the entertainment event ticketing space using the Flutter SDK.
- Integrated payment processor software and hardware to complete event transactions such as Stripe, Square, and Authorize.net.
- Utilized Firebase analytics and Bugsnag to track patterns and resolve client facing issues.
- Distributed applications to Apple and Google Play Store for client use.
- Created and managed CI/CD pipelines for native and Flutter based mobile applications.

Leggett & Platt Inc., Lenexa, KS
Software Engineer II, Summer 2021 to Spring 2022
- Led development on multiple research and development projects to further enhance furniture capabilities with technology.
- Applied data collection concepts to further enhance user experiences.
- Distributed applications to Apple and Google Play Store for client use.
- Managed CI/CD pipelines across multiple development projects.
- Involved in following agile methodologies to meet project goals, deadlines, and improvements.

Software Engineer – Mobile Applications, Spring 2018 to Summer 2021
- Architected and developed a mobile application to control adjustable bed units using Bluetooth LE, Java, and Flutter SDK.
- Developed analytical data from users of the app to record sentiment and magnitude scores using cloud natural language.
- Involved with developing embedded software for adjustable beds such as OTA updates and Bluetooth interaction using C.
- Architected and developed Android smart watch apps to control adjustable bed units using Java.
- Distributed applications to Apple and Google Play Store for client use.
- Created and managed Microsoft Azure B2C user accounts associated with Alexa voice.
- Developed Azure B2C user account web pages using HTML, CSS, and JavaScript.
- Involved in major research to apply new technologies and practices to the industry.
- Participated in team meetings to discuss issues, milestones, and projects using Agile methodologies.
- Led the team on creating and organizing software documents across all software platforms.

Highmark Inc., Huntington Beach, CA
Information Technology Intern, Summer & Winter 2017
- Programmed and formulated reports from querying databases using Impromptu and Python.
- Configured network connections and IP addresses with multiple computers and other devices.
- Contributed new ideas for the improvement of computer systems and wire management to help aid cleanliness within show rooms.
- Developed knowledge of ERP systems, RAID, and network switches.

Results Technology, Lenexa, KS
Information Technology Service Technician Intern, Summer 2016
- Provided efficient client support for computer issues including email, domain, server, and client software.
- Managed all client servers and personal computers within the domain.
- Acquired knowledge of an internal ticketing system and basic IT information.
- Improved customer satisfaction by contributing innovative ideas aimed at improving IT service.
- Created and provided documentation for clients with undocumented issues.
- Participated in weekly company meetings to discuss, review, and revise goals, services, and company-wide priorities.

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SKILLS

Languages: C, C++, Java, JavaScript, MySQL, Python, Dart, Swift, Rest APIs, PHP, HTML, CSS, and VHDL

Software: Eclipse, Android Studio, Xcode, Microsoft Azure, DevOps, Google Cloud NL, JIRA, Confluence, BitBucket, Impromptu, Vivado, Windows, Mac OS, and Linux

Hardware: Circuit analysis, electronic circuits, soldering, and logic design

ENGINEERING PROJECTS

Event Purchasing & Event QR Scan Mobile Applications, HappsNow Inc.
Engineering Project, Spring 2022 to Present
- Architected, developed, and designed two mobile applications using the Flutter SDK serving different purposes. One to handle purchasing of event tickets and the other for event handlers to scan QR codes for specific events upon entering.
- Features developed included partner-based event tracking, Seats IO, and payment processor integrations for ease of completing and managing transactions.

Adjustable Bed Mobile Application, Leggett & Platt Inc.
Engineering Project, Spring 2018 to Spring 2022
- Architected and developed a mobile application used to control adjustable bed units using Bluetooth LE, Java, and Flutter SDK.
- SDK chosen to allow iOS and Android applications to work in a single code base.
- Features developed included Alexa voice integration, recording of analytical data, and OTA updates.
- Designed to interface with other adjustable bed units across the market including our own.

EDUCATION

The University of Kansas, Overland Park, KS
Fall 2019 to Winter 2021
Master of Business Administration (MBA).

The University of Kansas, Lawrence, KS
Fall 2014 to Spring 2018
Bachelor of Science in Computer Engineering.