Pankil

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# Professional Summary

Innovative IT professional specializing in software and app development and networking. Experienced in developing scalable web platforms, Android applications, and Networking protocols. Expertise in MERN stack, Java, Kotlin, and network security. Adept at optimizing performance and ensuring data integrity to drive company success.

# Education

**Algonquin College** Ottawa, CA

*Diploma of Computer Programing*

# Technical Skills

**Languages**: JavaScript, Java, Python, MySQL, Kotlin, HTML5/CSS3/webpack/JSON, Linux bash | Intermediate: C/C++

**Software**: Git, CISCO Packet Tracer, Visual Studio, Eclipse, PyCharm, PowerBI, RapidMiner, Oracle, SQL server, Unix.

**Frameworks**: ReactJS, Node.js, Flask, JUnit, Unit Testing, Bootstrap.

**Soft-Skills:** Problem-Solving, Analytical Thinking, Debugging, Troubleshooting, Project Management, Agile Methodologies, Team Leadership, Strategic Planning, Effective Communication, Technical Writing, Cross-Functional Collaboration.

# Projects

**Campscape** *|* [**GitHub**](https://github.com/Pankil02/Campscape.git)*| Node.js, Express, JavaScript, MongoDB, Bootstrap* May 2024

* Developed a **MERN** full-stack web platform enabling users to explore camping areas with secure authentication.
* Integrated interactive maps and user reviews to enhance the user experience and engagement.
* Optimized efficiency by **99%** through the implementation of **REST APIs** patterns and **Express routers**, while adhering to industry-standard design patterns for code organization and scalability.

**Food Waste Management Platform** *|* [**GitHub**](https://github.com/Pankil02/FoodWasteManagement.git)*| Java, Servlets, JSP, MySQL, Apache Tomcat* Apr 2024

* Developed a comprehensive platform aimed at reducing food wastage by facilitating collaboration between consumers, retailers, and charitable organizations.
* Implemented Java design patterns such as MVCmodel, **DAO** patterns, and abstract factory to ensure scalability and maintainability.
* Enhancing security measures against vulnerabilities like **SQL injection** to ensure data integrity and user privacy.

**RecipeFinder** *|* [**GitHub**](https://github.com/Pankil02/RecipeSearch.git)*|* **APK** / *Kotlin, SQLite, Android Studio* Mar 2024

* Led the team of 4 in creating an Android-based mobile application enabling users to browse and save recipes to favorites, utilizing SQLite database for storage.
* Implemented Volley for efficient API data retrieval, ensuring swift access to recipe details within the application, empowered users with the ability to discover **10k+** recipes.

# Experience

**Honeywell EMS | Securitas** Dec 2023 – Apr 2024

*Access control Specialist Kanata, CA*

* Produced identification cards for new employees, adhering to specific security protocols and access restrictions outlined by Honeywell management. Acquired deepened understanding of security protocols and compliance measures.
* Provided professional front desk assistance, ensuring a secure and welcoming environment while managing access control systems for secure building access. Mastered Honeywell's **identity verification software** for precise authentication, enhancing procedural adherence and operational efficiency in security protocols.

# Achievement

**⋅ JEE-Mains** | Achieved All India Rank 7784 **⋅ Handball Nationals** | U-17 SGFI Tournament

Autodesk, Full-stack development, web applications, javascript, C++, CSS, application development, computer engineering, relational databases, amazon web services, user experience, public safety, ruby on rails, OO design, animation, dynamodb, postgres, 3ds max, banking, graphql, node.js, python, azure, .NET, redux, software development life cycle, geographic information system, communications equipment, technical specifications, electrical engineering, information technology, stakeholder management, business requirements, business intelligence, programming languages, emergency situations, business consulting, consulting services, systems development, system applications, Computer graphics, agile development, data architecture, management system, responsive design, digital products, iterative design, technical design, design software, data structures, elasticsearch, bi reporting, analyze data, storytelling, multimedia, statistics, front-end, unit test, workflows, research, rabbitmq, French, no-sql, debug, kafka, redis, ui/ux, Bash, APIs, HTML, JIRA, VoIP, SDLC, trac, GIS, R&D, Tcl, SIP, QC, C#, QA, vue, angular 8, C-arm, ethernet, linux, TCP, cross-platform software, Embedded software, software releases, c++ programming, design concepts, embedded c, Photonics, osi model, waterfall, security, telecom, optics, vlans, sonet, MPLS, bsp, xdsl, voip protocols, xml, nosql, classification, ai, ui, soap, software developer, react native, angularjs, algorithms, software engineer, node, docker, cms, wpf, mvvm, mercurial, machine learning, excel, computer vision, beam, typescript, spring, scrum, responsive, react, nodejs, kubernetes, kanban, gcp, frontend, dom, containerization, cloud, backend, automated tests, teamwork, system integration, go, big data, multi threaded, rust, micro services, etl, continuous learning, continuous improvement, web developer, selenium, mocha, jest, hci, cypress, test automation, postgresql, java developer, mockito, maven.,react