



CHEPTOYEK BILL

Kampala, Uganda +256785560157 billcheptoyek60@gmail.com <https://github.com/BILL-CHEPTOYEK>

Summary	Final-year Software Engineering student at Makerere University with all academic requirements completed. Skilled in full-stack web and mobile development, DevOps, AI, blockchain and cloud technologies. Experienced with modern tools like Django, Node.js, React.js, and Docker. Passionate about building scalable systems and solving real-world problems through code. Open to software engineering roles to contribute meaningfully while continuing to grow.
---------	--

Experience	<div><div><b>Powellpay Limited</b> Intern <a href="https://powellpay.com/#">https://powellpay.com/#</a><ul style="list-style-type: none"><li>Developed internal tools using React.js, Vue.js, and Node.js.</li><li>Collaborated in Agile teams and worked with Git version control.</li><li>Assisted in CI/CD setup and deployment testing.</li></ul></div><div><b>Tricsoft Technologies Ltd</b> Junior Software Developer <a href="https://tricsoft.com/">https://tricsoft.com/</a> Developed Software including a project management system <a href="https://tricreality.tricsoftdemos.com">https://tricreality.tricsoftdemos.com</a></div></div> <div><div>May 2024 – July 2024</div><div>Kampala, Uganda</div><div>June 2025-Present</div><div>Kampala, Uganda</div></div>
------------	--

Education	<div><b>MAKERERE UNIVERSITY</b> Bachelor of Science in Software Engineering 3.45 <a href="https://mak.ac.ug/">https://mak.ac.ug/</a></div> <div>Evening Program, Undergraduate</div> <div>2021-2026</div>
-----------	---

Projects	<div><div><b>Crowdsourced Local News Platform (Final Year Project)</b> Node.js, Blockchain, AI, Python, Next.js <a href="https://github.com/BILL-CHEPTOYEK/CROWD-SOURCED-LOCAL-NEWS-PLATFORM">https://github.com/BILL-CHEPTOYEK/CROWD-SOURCED-LOCAL-NEWS-PLATFORM</a> A decentralized local news platform that uses AI for real-time fact-checking and blockchain for transparent, tamper-proof storage. Enables users to submit news reports, vote on credibility, and receive personalized news updates. Built for web access with plans for future expansion.</div><div><b>Bus Management System</b> Django REST Framework <a href="https://github.com/BILL-CHEPTOYEK/BSE25_18">https://github.com/BILL-CHEPTOYEK/BSE25_18</a><ul style="list-style-type: none"><li>Developed a comprehensive system for managing bus operations, including scheduling, ticketing, and route management.</li><li>Enhanced operational efficiency and user experience through streamlined processes.</li></ul></div><div><b>Cyber School Frontend</b> Vue.js <a href="https://github.com/iraqooh/cyber_school_frontend_web">https://github.com/iraqooh/cyber_school_frontend_web</a><ul style="list-style-type: none"><li>Contributed to the development of a web application for managing school data, including student biodata, fees, and payments.</li><li>Improved user interface and experience for efficient school administration.</li></ul></div><div><b>Anka Business Services System</b> Laravel, MySQL, JavaScript <a href="https://github.com/BILL-CHEPTOYEK/Anka-Business-services-System">https://github.com/BILL-CHEPTOYEK/Anka-Business-services-System</a><ul style="list-style-type: none"><li>Developed a platform to streamline business operations, including invoicing and tracking.</li><li>Achieved a 40% reduction in manual overhead through automation.</li></ul></div><div><b>Loan Management System</b> Laravel, REST API<ul style="list-style-type: none"><li>Automated the loan application and scoring process by integrating third-party APIs.</li><li>Reduced loan turnaround time by 30%, improving efficiency and user satisfaction.</li></ul></div></div> <div><div>August 2024 – May 2025</div><div>2024 September</div><div>June 2024-July 2024</div><div>2022</div><div>2022</div></div>
----------	---

Skills	<div><div><b>Technical Languages</b> JavaScript, Python, Dart, Java, SQL ●○○○○○</div><div><b>Frameworks &amp; Libraries</b> Node.js, React.js, Django, Express.js ●○○○○○</div><div><b>Devops &amp; Tools</b> Git, Github Actions, GitLab CI/CD, Docker, Azure DevOps, Postman ●○○○○○</div><div><b>Databases</b> MySQL, MongoDB, PostgreSQL ●○○○○○</div><div><b>Cloud &amp; Deployment</b> Cloud Platforms: Azure, Crane Cloud   Hosting Tools: Render, GitHub Pages, cPanel ●○○○○○</div><div><b>Testing &amp; Quality</b> PyTest, Postman, JUnit, Swagger, Selenium ●○○○○○</div><div><b>Development Tools</b> VS Code, IntelliJ IDEA, PyCharm, Android Studio ●○○○○○</div><div><b>Soft Skills</b> Problem-solving, Teamwork, Communication, Adaptability, Critical Thinking ●○○○○○</div></div>
--------	--

Certifications	<div><div><b>Back End Development and APIs</b> freeCodeCamp <a href="https://www.freecodecamp.org/certification/CheptoyekBill/back-end-development-and-apis">https://www.freecodecamp.org/certification/CheptoyekBill/back-end-development-and-apis</a> Built and deployed Node.js and Express applications, handling routing, middleware, file handling, and MongoDB integration via Mongoose.</div><div>May 2025</div></div>
----------------	--

References	Available on request
------------	----------------------