




Alex Chen

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TechForward Solutions - Junior Software Engineer Application

Dear Hiring Manager,

I am excited to apply for the Junior Software Engineer position at TechForward Solutions. As a recent NUS Computer Science graduate, I am drawn to your company's commitment to mentorship, collaborative development, and meaningful projects that impact thousands of users.

Technical Skills & Experience

Programming: Proficient in JavaScript and Python with strong OOP fundamentals

Web Development: React.js, Node.js, HTML5, CSS3, RESTful APIs

Databases: PostgreSQL, MongoDB with hands-on project experience

Tools: Git version control, GitHub collaboration, AWS deployment

Key Projects **Personal Finance Tracker** - Built full-stack React application with Node.js backend, JWT authentication, and Chart.js visualization. Deployed on AWS EC2 serving 50+ users.

Open Source Contribution - Fixed critical bug in popular JavaScript utility library; pull request accepted after code review.

University Group Project - Led RESTful API development using Python Flask with 4-person team, achieving 90% test coverage using pytest.

Professional Experience During my startup internship, I debugged critical performance issues, reducing page load times by 40%. This experience strengthened my systematic troubleshooting skills and attention to detail.

Leadership & Growth As president of NUS Computer Science Society, I organized technical workshops and coordinated team projects. I actively pursue continuous learning through AWS Cloud Practitioner certification and Docker containerization courses.

Why TechForward Solutions Your hybrid work model, emphasis on code quality, and structured mentorship program align perfectly with my career goals. I'm particularly excited about participating in code reviews and learning from senior developers in your collaborative environment.

I'm prepared to complete your coding assessment and would welcome the opportunity to discuss how my technical foundation, growth mindset, and collaborative approach can contribute to your team's success.

Thank you for your consideration. I look forward to hearing from you.

Best regards,
Alex Chen

Attachments: Resume, Portfolio (alexchen-portfolio.com), GitHub Profile, University Transcript