

SkillCentral

FULL STACK + DEVOPS

TRAINING & INTERNSHIP



Your one stop solution
for all your needs !

FOR MORE INFORMATION
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VISIT OUR WEBSITE
skillcentral.websoc.ai



LEARN TOGETHER, SUCCEED TOGETHER



About Us

At SkillCentral, powered by [WEBSOC.AI](#) we're on a mission to empower the next generation of tech talent.

Our vision is to revolutionize how you learn, work, and succeed in the rapidly evolving world of technology through advanced AI-powered applications and training programs.

Our Mission

We aim to provide quality, affordable training that goes beyond bookish knowledge.

Work on real-time projects with industry experts and stay ahead with an updated syllabus designed by leaders in the field. Our instructors are dedicated to making you 'job-ready.'

Industries We Serve

- ✓ Healthcare
- ✓ Technology
- ✓ Educational
- ✓ E-Commerce



Placement Assistance

Secure your career with our dedicated placement support.



Global Certifications

Earn internationally recognized certifications to boost your credentials.



Personalised Career Support

Tailored guidance to align your career path with your aspirations.



Real-Time Projects

Hands-on experience with industry projects for practical learning.



Corporate-Style Internship

Gain valuable insights through structured corporate internships.



Interview Preparation

Prepare effectively with our comprehensive interview coaching.

Call us for
more info

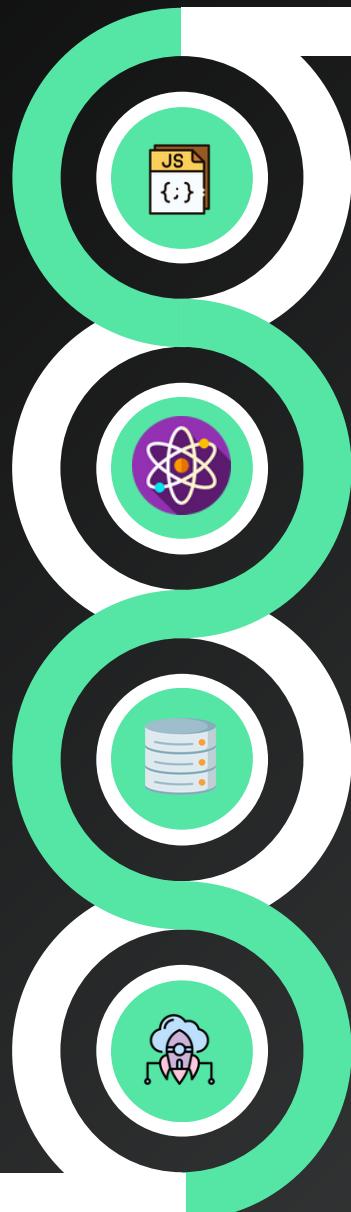


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SkillCentral's

ESSENTIAL ROADMAP FOR FULL STACK DEVELOPMENT + DEVOPS

SkillCentral maximizes project-based learning to develop top-notch skills, offering extensive exposure to the software industry in our comprehensive Full Stack + DevOps Training & Internship Program.



Foundation Building

SkillCentral Innovators will master HTML, CSS, and JavaScript to create well-structured, visually appealing, and dynamic web pages.

01

Advanced Front-End Development

Focusing on React and Next.js, Innovators will learn server-side rendering, static site generation, and API routes to build high-performance web applications.

02

Back-End Integration

Using Node.js and Express.js, Innovators will build RESTful APIs and integrate SQL/NoSQL databases to develop robust back-end systems.

03

DevOps and Deployment

Innovators will learn CI/CD with Git, automated testing, and cloud deployment using Docker and Kubernetes to maintain and deploy applications efficiently.

04



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High Spirits, Madhapur, HYD



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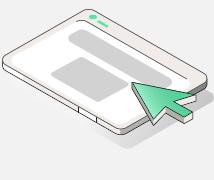
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How We Work



1

At SkillCentral, we operate like a close-knit family, providing comprehensive support and handling all logistical aspects of our interns' training. This approach allows interns to focus entirely on their learning journey, free from distractions.



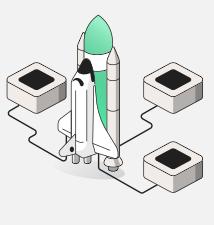
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Our dedicated team of experienced mentors takes a personalized approach, offering daily one-on-one guidance to ensure each intern receives tailored support. This individualized attention enables us to address specific learning needs and nurture professional growth effectively.



3

We prioritize practical learning through hands-on projects, comprising 80% of our training curriculum. This hands-on experience equips interns with practical skills and prepares them to tackle real-world challenges in the software industry.



4

SkillCentral fosters a collaborative environment where interns engage in teamwork and peer learning. This collaborative spirit promotes knowledge sharing, constructive discussions, and mutual support among peers, enhancing both technical proficiency and interpersonal skills.



5

Ultimately, our goal is to empower interns with the skills, confidence, and industry exposure needed to thrive. By combining structured learning, practical experience, personalized mentorship, and a supportive community, SkillCentral prepares interns to make meaningful contributions in the software industry and beyond.

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Join us for an exciting Full Stack + DevOps program designed for your success! Check out our plan below.

FRONTEND BASICS

- HTML and CSS Kickstart Get started with the basics of HTML and CSS.
 - HTML and CSS Overview Explore the core elements and structure of HTML.
 - Deep Dive into HTML Apply your knowledge with practical form examples.
 - CSS Selectors and Layouts Understand CSS selectors, box models, and flexible layouts.
 - Fonts, Colors, and More Learn typography, colors, and background styling.
-

JAVASCRIPT ESSENTIALS

- JavaScript Basics Dive into the fundamentals – conditional statements, loops, and functions.
 - Arrays and Objects Buffer Session Explore the basics of arrays and objects. Reinforce your learning with practical examples.
 - JavaScript DOM Basics Understand how JavaScript interacts with the Document Object Model.
 - DOM Magic and Events Create a simple project, like a counter app, using event handling.
-

BOOTSTRAP SIMPLIFIED

- Introduction to Bootstrap Discover the power of Bootstrap for quick and responsive designs.
- Responsive Design Project Apply Bootstrap to create a responsive example project.

Advancing JavaScript and Git Basics

DOM Magic and Events

- JavaScript DOM Basics Understand how JavaScript interacts with the Document Object Model.
 - DOM Events and Project Create a simple project, like a counter app, using event handling.
-

API Interaction and Mini-Project

- Introduction to APIs Get hands-on experience with API integration.
 - Project: Search Functionality Apply your skills with a project involving search functionality.
-

JavaScript Deep Dive

- JS Execution, Hoisting, Temporal Dead Zone Explore how JavaScript operates, including concepts like hoisting and temporal dead zone.
 - Block Scope, Shadowing Understand block scope and variable shadowing in JavaScript.
 - Closure, Higher Order Functions, Dive into closures and higher-order functions, essential concepts in JavaScript functional programming.
 - Advanced JavaScript Techniques, Get insights into the JavaScript call stack, event loop, and advanced methods like call(), apply(), and bind().
-

Version Control with Git & GitHub

- Git Basics Learn the essentials of version control using Git.
- Collaboration with GitHub Explore collaborative features on GitHub.



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This month, we'll dive deeper into React and lay the foundation for API-Integration. Get ready to enhance your web development skills!

React Basics and Projects

- Introduction to React, Grasp the fundamentals of React.
 - React Hooks (useState) Understand the useState hook and many other.
 - Handling Events in React Learn to manage events in React applications.
-

API Integration and React Projects

- API Integration in React Explore integrating APIs using the useEffect hook in React.
 - API-Based React Project Implement your skills in a project integrating APIs.
 - Search Functionality in React Build a project focusing on search functionality using React.
-

Form Validation and React Class Components

- Form Validation in React, Learn practical form validation techniques in React.
- Introduction to React Class Components Understand React class components and their usage.
- React Lifecycle Methods Explore React lifecycle methods and their importance in class components.

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Advancing React and Back-End Basics

React Styling and Routing

- React-Bootstrap, Material UI Overview Get introduced to popular styling libraries like React-Bootstrap and Material UI.
 - React Router Understand basic React routing concepts and implementation.
-

React Hooks, Redux, and Project Implementation

- Advanced React Hooks Explore more advanced hooks in React for state management and side effects.
 - Introduction to React-Redux Understand state management with React-Redux and its integration with React components.
 - React-Redux Project Apply your learning by implementing React-Redux in a project.
-

HOC, Pure Components, Node.js, Express

- Higher Order Components (HOC) Understand the concept of Higher Order Components (HOC) in React and their use cases.
- Pure Components Explore optimization techniques with pure components in React.
- Buffer Session Review covered topics through interview question discussions and practical exercises.
- Introduction to Node.js Learn server-side JavaScript basics with Node.js.
- Modules & Event Emitters Explore Node.js modules and event emitters for handling asynchronous events.

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Next.js Mastery - Unlock the Future of Web Development

Introduction and Core Concepts in Next.js

- Overview of Next.js: Discover the key features and benefits for web development.
 - SSR vs. CSR: Learn the differences and advantages of server-side and client-side rendering.
 - File-based Routing: Understand Next.js's routing system for dynamic pages.
 - Pages and Components: Create and structure pages and components.
 - Data Fetching: Explore methods for fetching data.
 - Dynamic Routing: Implement dynamic and parameterized routing.
-

Styling and API Routes in Next.js

- Styling in Next.js
 - CSS Modules: Utilize CSS Modules for scoped component styling.
 - Styled-JSX: Implement inline styling with Styled-JSX.
 - Creating API Routes: Build API endpoints with Next.js API routes.
 - Serverless Functions: Learn and implement serverless functions in Next.js.
-

Deployment, Optimization, and Advanced Topics in Next.js

- Deployment Strategies: Explore various strategies for deploying Next.js applications.
- Performance Optimization: Enhance performance and user experience in Next.js apps
- Implement authentication and authorization in Next.js applications, utilize Redux or React
- Context API for effective state management, and apply testing strategies using frameworks like Jest to ensure robust and reliable applications.

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This month, gain hands-on experience building RESTful APIs and web applications while working on a major full-stack project. You're on your way to becoming a skilled full-stack developer!

Express and RESTful API

- Express Basics Get started with the Express.js framework.
 - Routers & Middleware Understand the essentials of routers and middleware in Express.
 - Building a Simple REST API Create your first RESTful API using NodeJS and Express.
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MongoDB/ SQL

- Introduction to MongoDB/ SQL Familiarize yourself with MongoDB/ SQL basics.
 - Shell Commands Learn essential shell commands for data manipulation in MongoDB/ SQL.
 - Working with Documents/ Tables Understand how to create and manipulate MongoDB documents/ SQL tables, DDL, DML, Joins, Queries.
 - Advanced CRUD Operations Explore advanced CRUD operations in MongoDB/ SQL.
-

Full-Stack Development

- Building a Simple Web Application Integrate Node, Express, and MongoDB/ SQL to create a web application.
- Authentication and Authorization Implement secure user authentication and authorization using JWT (JSON Web Tokens).



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Master **DevOps Excellence** with Azure: Your Path to Professional Proficiency

Introduction to DevOps and IaC

- Start by understanding the principles and benefits of DevOps, and how it integrates into the software development lifecycle.
 - Learn the basics of Infrastructure as Code (IaC) with Azure Resource Manager (ARM) templates and automate tasks using PowerShell and Azure CLI.
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Azure DevOps Services and Full-Stack Projects

- Master Azure DevOps services, version control with Azure Repos, and set up CI/CD pipelines.
- Implement secure authentication using JWT, understand advanced topics like HOC and pure components, and apply your knowledge in full-stack development projects integrating Node, Express, and MongoDB or SQL.

[Book A Demo](#)



**Get 99% Placement Assistance and
secure your place at top MNCs**
Unlock your career potential today!



Discover the diverse career paths awaiting

Full Stack Developers like you!

Full Stack Developer

Frontend Developer

Backend Developer

Software Developer

DevOps Engineer

UI/UX Developer

Jr Developer

Software Tester

SQL Developer

Angular Developer

Python Developer



Inside SkillCentral:

Where Innovation Meets Ambition



Scan the QR code to explore more and start your journey with SkillCentral!



EXPLORE OUR VARIOUS
PROGRAMS AS WELL !!

- Data Analysis
- Digital Marketing
- React.js
- Machine Learning



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