



Struts Framework Training Course

Project Based Immersive Learning Course

Course Overview?

Education Nest provides Struts certification training that has been specifically designed by our expert trainers to help you develop flexible, extensible, and maintainable web applications. The Struts course offers comprehensive learning opportunities that cover key concepts such as Action Mappings, Validation, Forms, MVC, JavaBeans in Struts, and Struts Configuration. The course also includes instruction on how to create custom tags in Struts, along with guidance on how to effectively utilize them within your application. To ensure practical learning, participants will work on real-world projects and industry scenarios. By the end of the course, participants will be well-equipped to develop web applications that adhere to industry best practices, and they will have gained valuable skills and experience that will enhance their employability and career growth prospects.

Benefits of Struts Framework Training Course :

The Struts Framework is a popular tool for building enterprise applications, and possessing expertise in this area can open up career advancement opportunities. Employers of all sizes seek qualified professionals with Struts certification and the appropriate skill set. By enrolling in a Struts framework training course, developers can acquire the skills and knowledge necessary to enhance

their efficiency, productivity, and effectiveness, resulting in increased employment opportunities and improved application performance.

Who should learn:

- Java developers
- Web developers
- Programmers
- Web developers
- Architect

Why do you need Struts Framework Training Course?

Average Salary Growth:

According to the job website Indeed, the average salary for a Struts developer in the United States is around \$95,000 per year. It is worth noting that salary growth can vary significantly based on an individual's experience, performance, and the job market conditions in their area. Overall, gaining expertise in the Struts Framework can increase an individual's earning potential and improve their career growth prospects as a web application developer.

Industries:

The demand for Struts Framework developers in various multinational companies (MNCs) is significant due to the widespread adoption of the Struts Framework in enterprise application development. According to job search sites like Indeed and Glassdoor, there are currently many job openings for Struts developers in various MNCs worldwide. The need for skilled developers with expertise in Struts Framework is likely to remain strong. Some of the top MNCs that have a high demand for Struts Framework developers are: IBM, Oracle, Accenture, Infosys, Cognizant, Wipro, TCS, Capgemini, Deloitte and HCL Technologies.

Position in Market:

According to data from the job search website such as Indeed, Glassdoor, and LinkedIn are The employment projection for Struts Framework developers is very positive, with

significant growth potential in the years to come. According to the United States Bureau of Labor Statistics (BLS), the employment of software developers, including Struts Framework developers, is projected to grow 20 percent from 2019 to 2030, much faster than the average for all occupations. This growth is due to the increasing demand for computer software and applications across various industries.

Designations:

- Struts Developer
- Full Stack Developer
- Front-end Engineer
- Full Stack Engineer
- Java Software Engineer
- Java Backend Developer

Why Struts Framework Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- Action Mappings
- Validation
- Model-View-Controller (MVC) architecture

- JavaBeans in Struts
- Creating custom tags in Struts
- Relationship to Actions
- Form Beans
- Core Tags
- JSP Expression Language

Struts Framework Course Syllabus

Struts Architecture

- MVC and Model 2
- Command Pattern
- Struts Framework
- More XML
- Less Java!
- Action Mappings
- JavaBeans in Struts
- Working with Forms
- Validation
- Presentation Technology
- Tiles

Action Mappings

- Command Pattern for Web Applications
- ActionServlet
- Action
- ActionMappings
- Struts Configuration
- Selecting a Forward
- Global Forwards
- Global Exception Handlers

- Declarative Exception Handling

Forms

- Working with HTML Forms
- Action Forms (Form Beans)
- Relationship to Input
- Relationship to Actions
- Relationship to the Model
- Relationship to Output
- DynaActionForm and Map-Backed Forms
- Validation
- Coarse-Grained Form Beans

Struts Tag Libraries

- Building View Components
- Struts Tag Libraries
- Attributes and Struts Expressions
- Building Forms
- Forms and Form Beans
- Scope and Duration of Form Data
- Managing Hyperlinks
- Error Messages
- Logic Tags

The JSP Standard Tag Library

- JSTL Overview
- JSP Expression Language
- Core Tags
- Formatting Tags
- XML Tags

- SQL Tags
- Mixing JSTL
- EL
- Scripts and Actions

Internationalization And Localization

- i18n in Java
- i18n in Actions
- i18n in JSTL
- i18n in Validation

Input Validation

- Validation in Web Applications
- Validation in Struts
- The Struts Validator Plug-In
- Validating ActionForm Subtypes
- Configuring Validation
- Standard Validators
- Rules
- Reporting Errors
- Multi-Page Validation
- Client-Side Validation
- Limitations on the Client Side
- Implementing a Validator
- Implementing ActionForm.validate

Advanced Configuration

- Struts Configuration in Depth
- Wildcards
- Extensions

- The Configuration Object Model
- Subclasses
- Plug-Ins
- Integrating Other Frameworks
- Role-Based Security
- Chaining Actions
- The Composable Request Processor Class
- Configuring Command Chains
- Modules

Under The Hood

- Global Objects
- Specialized Struts Actions
- The Utility Package
- The Commons BeanUtils Class
- Form Beans as Adapters to the Business Tier
- Reusing Validation Rules
- Graceful Validation

Tiles

- Consistent Look and Feel
- Reusable Layouts and Content
- The Tiles Framework
- Instantiating Layouts
- Body-Wrap Insertions
- Tiles and Stylesheets
- Working with Tiles Attributes
- The Tiles Context
- Definitions
- Aggregation and Inheritance

- The Tiles Plug-In
- Forwarding to Definitions
- Performance Considerations
- Appendix B: Quick Reference

Career Support

Profile Building :

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation :

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals :

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support :

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.